

Fig. 6e

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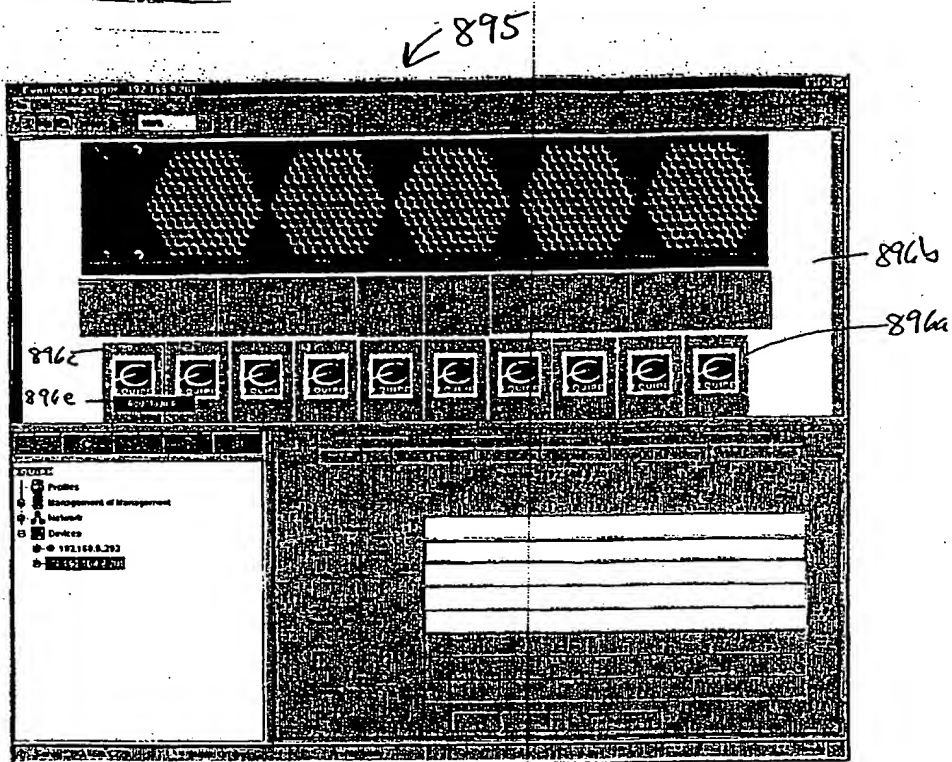


Fig. 6f

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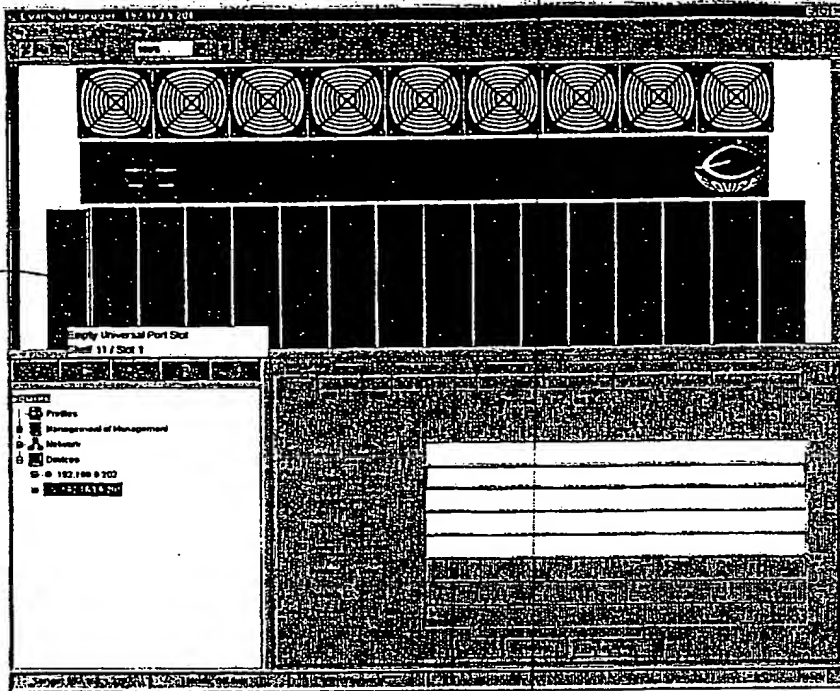


Fig. 6h

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896g

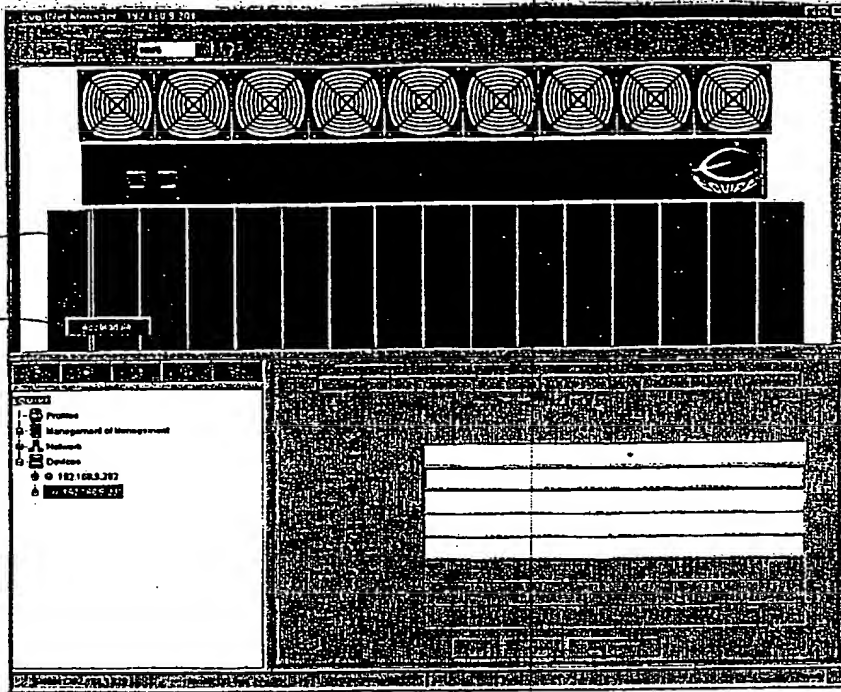
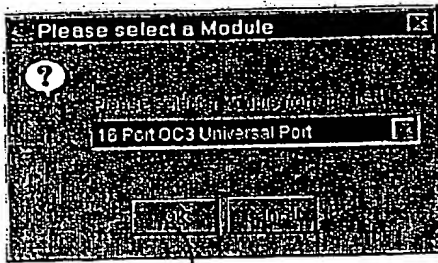


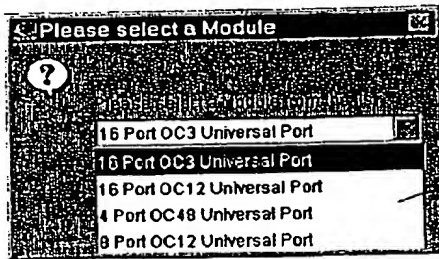
Fig. 6i

Fig. 6J



896h

896i



896h

896i

Fig. 6K

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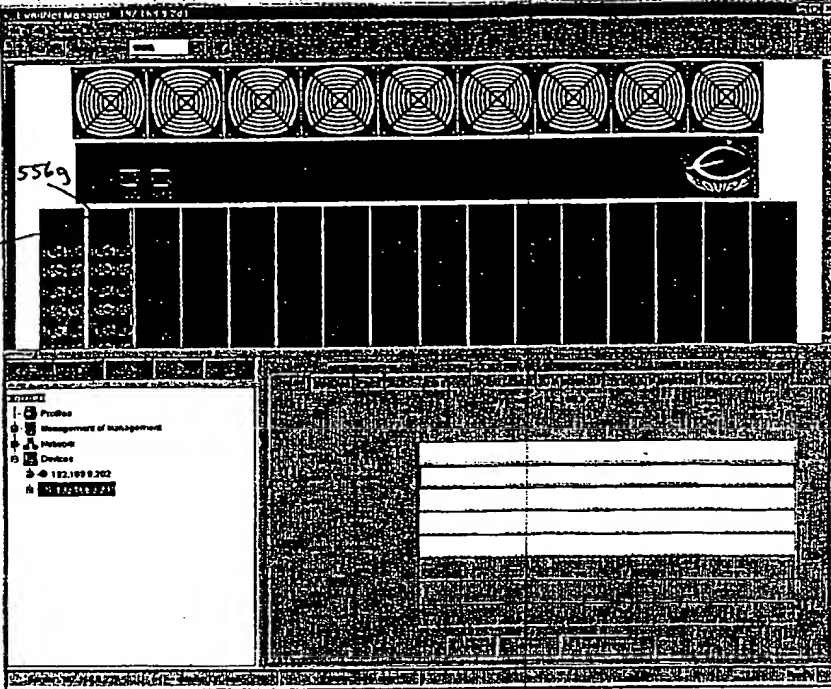


Fig. 6m

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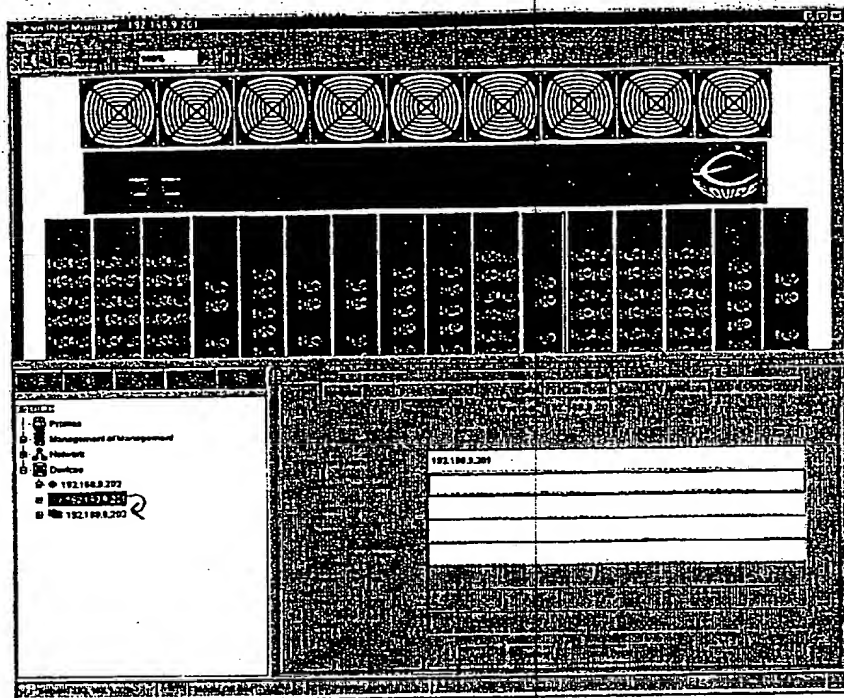


Fig. 60

[illegible]

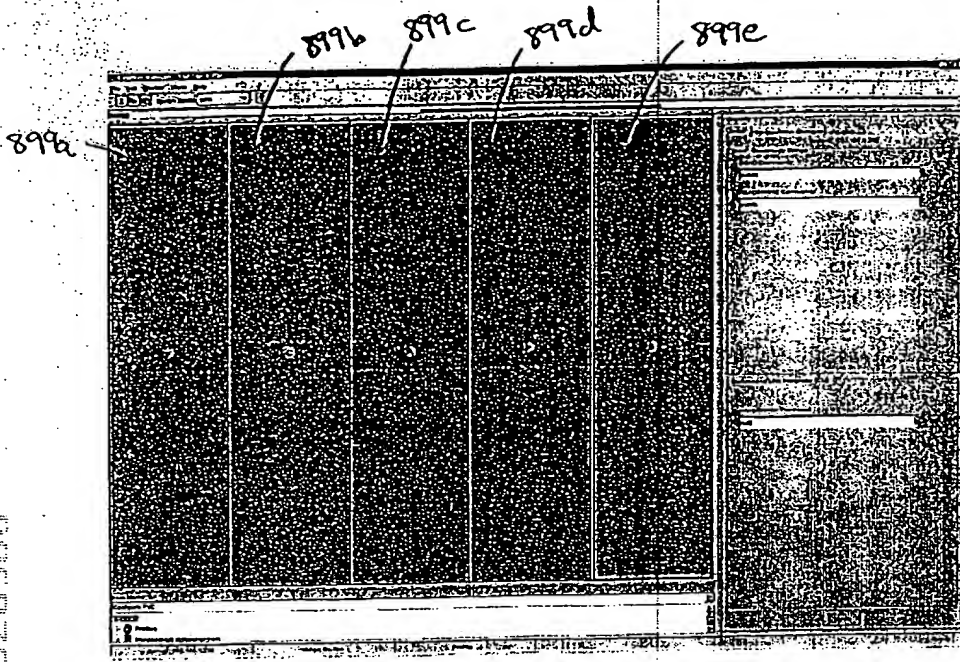


Fig. 7c

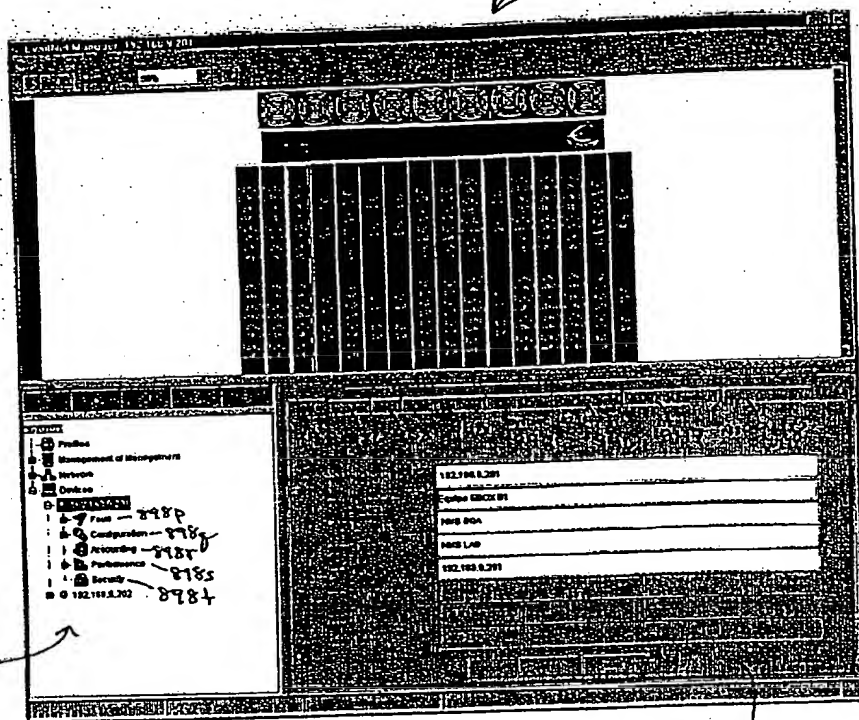


Fig. 7d

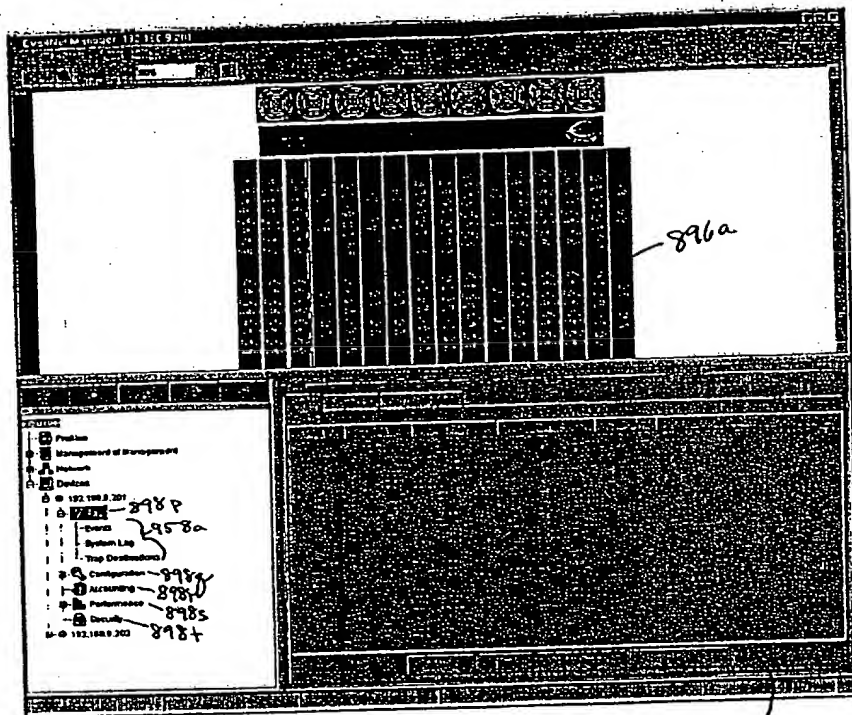


Fig. 7e

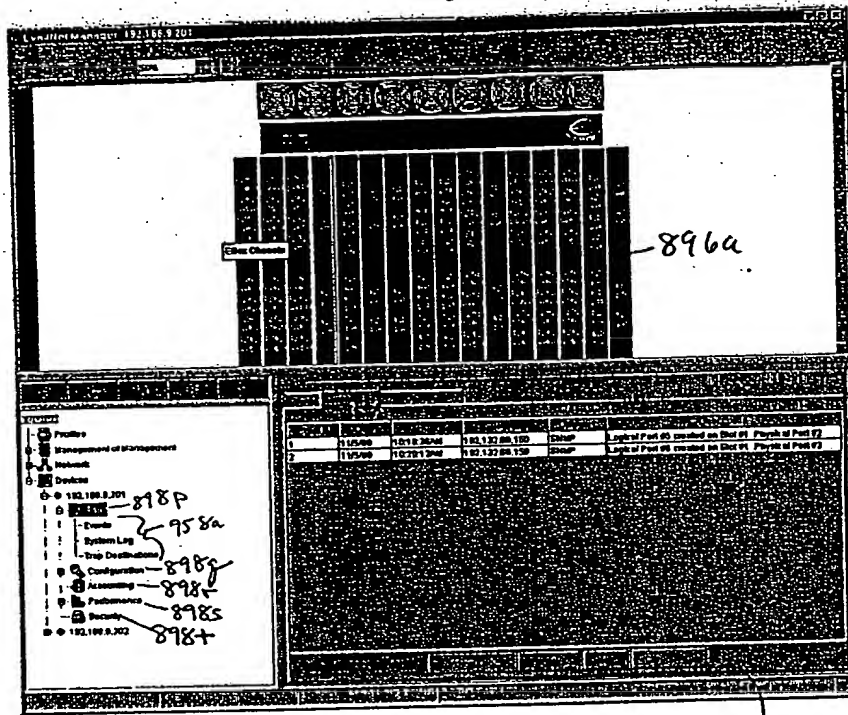


Fig. 74

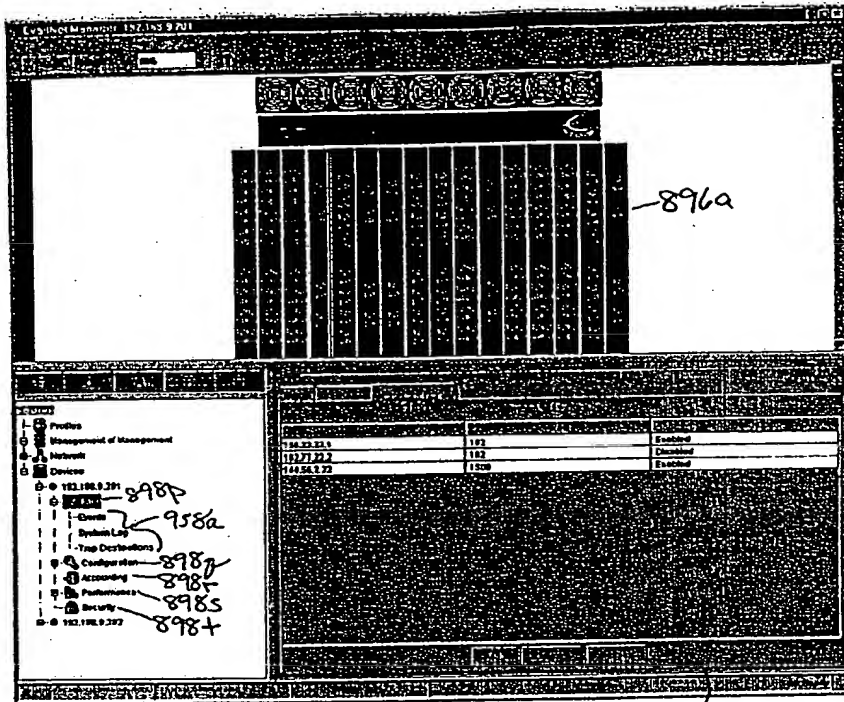


Fig. 7g

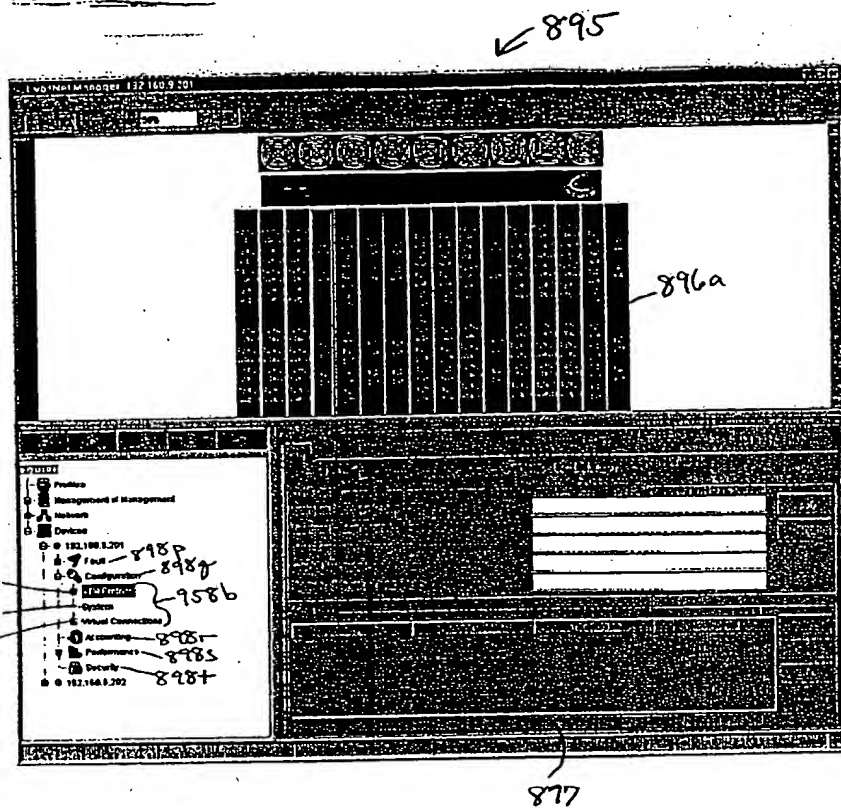


Fig. 7i

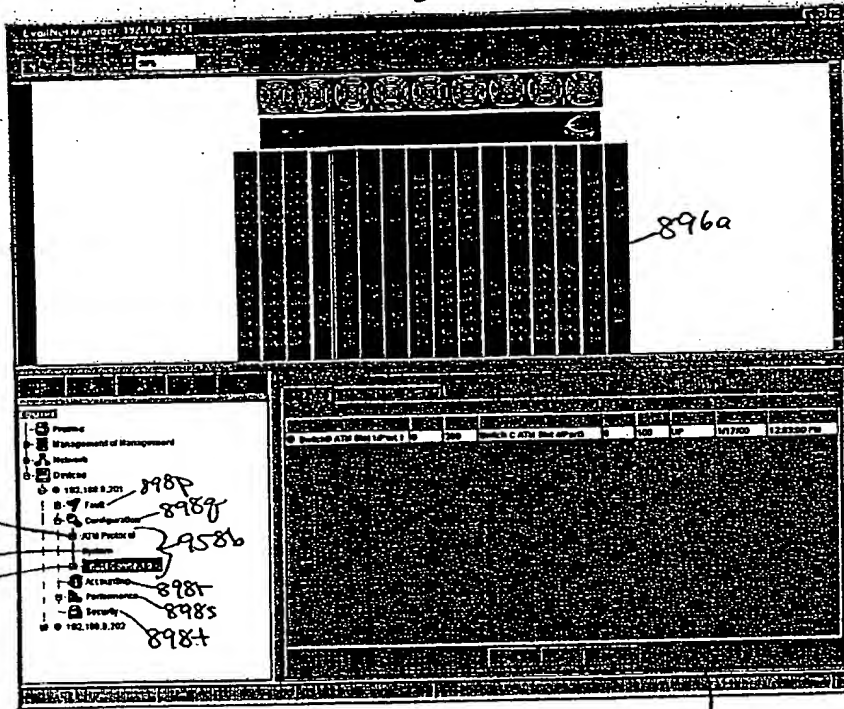


Fig. 7j

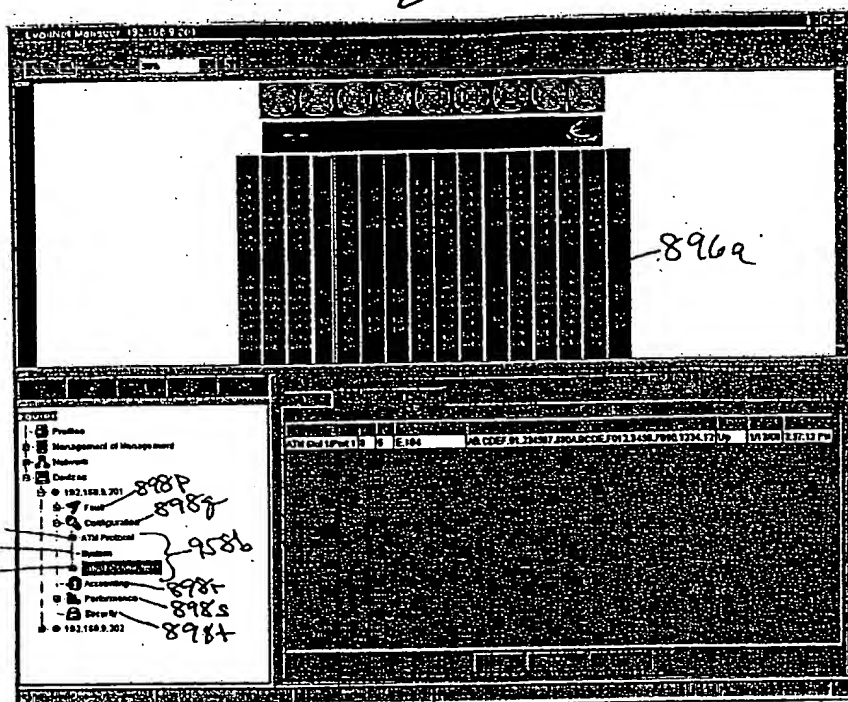


Fig. 7K

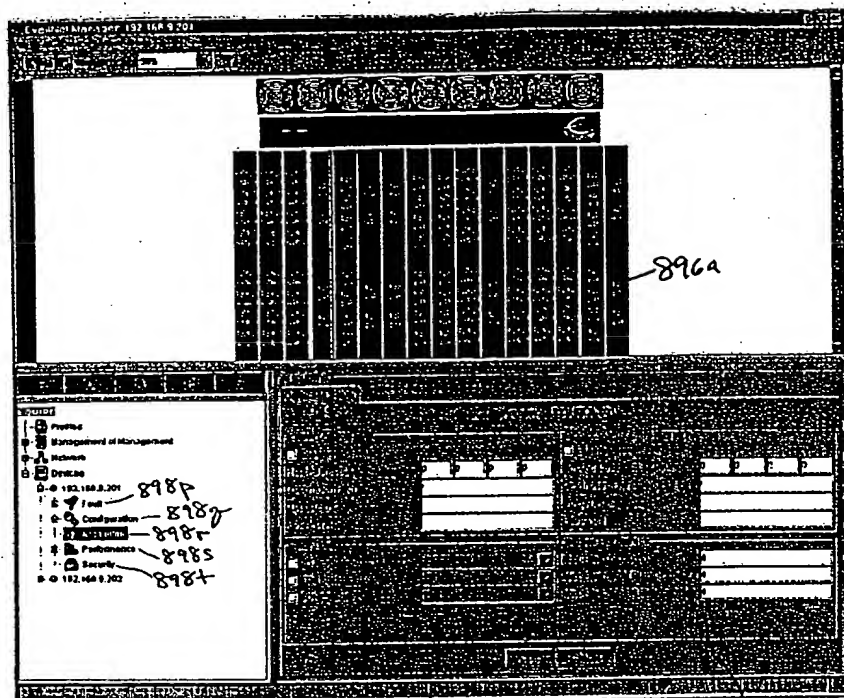


Fig. 7L

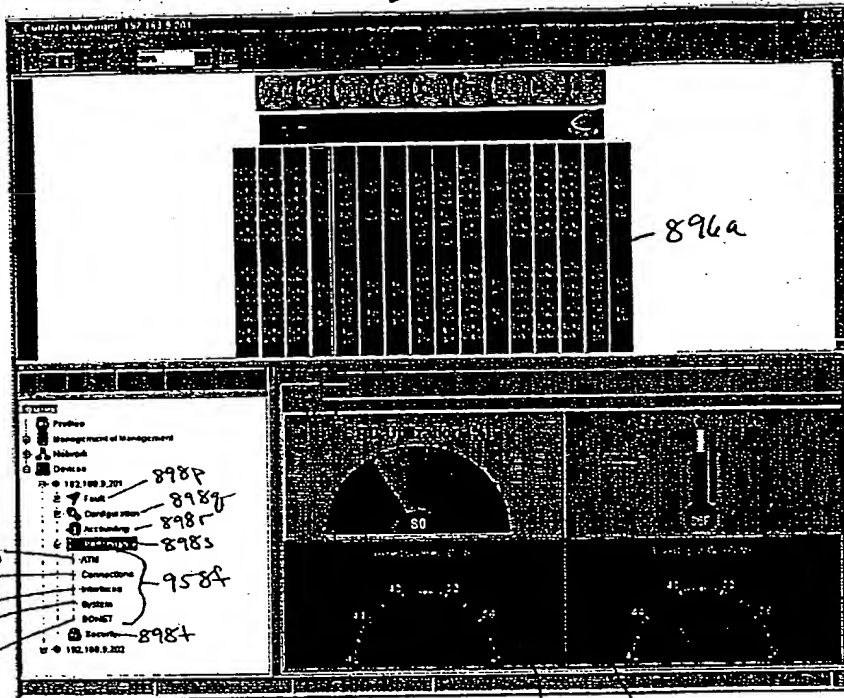


Fig. 7m

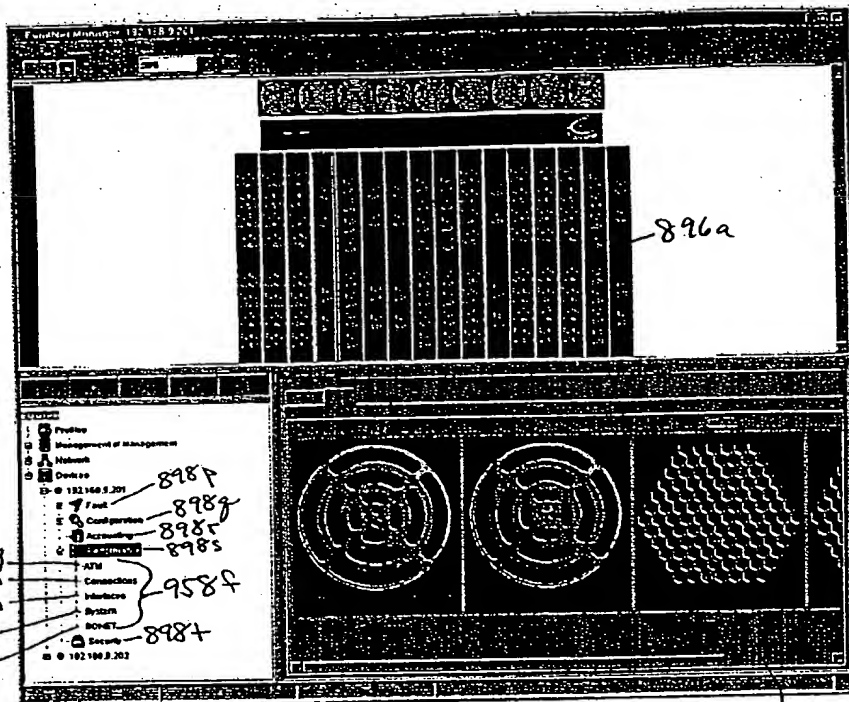


Fig. 7n

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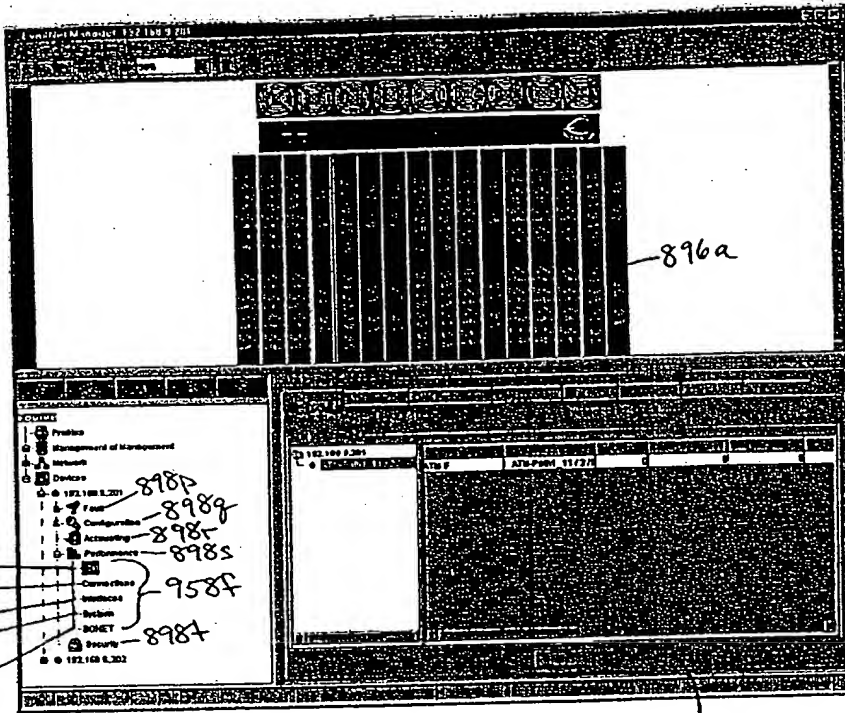
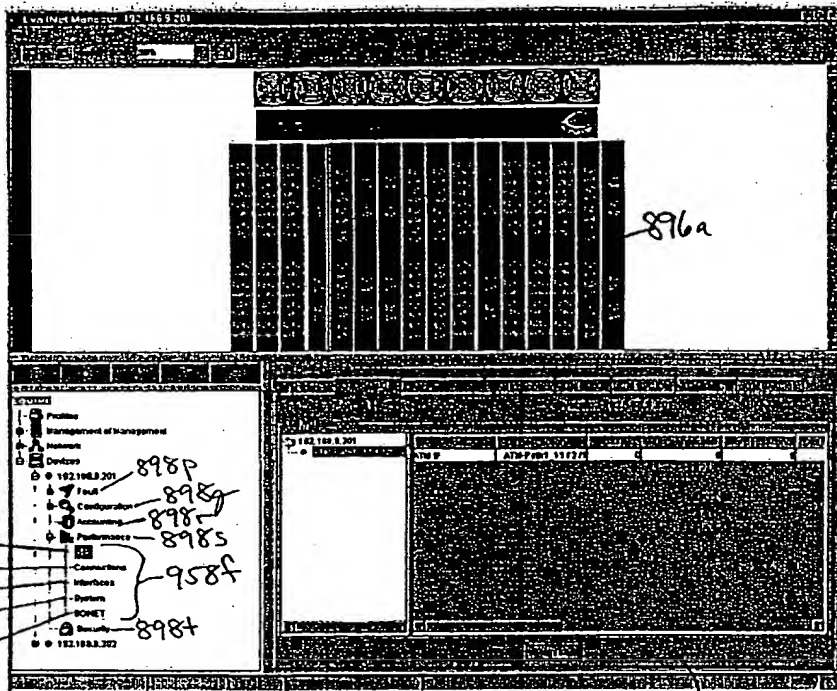


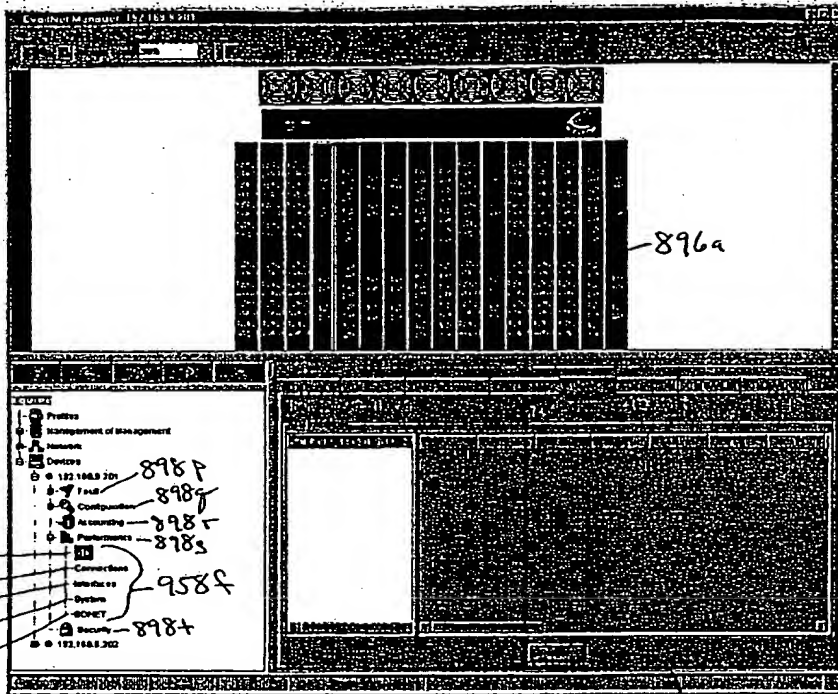
Fig. 70

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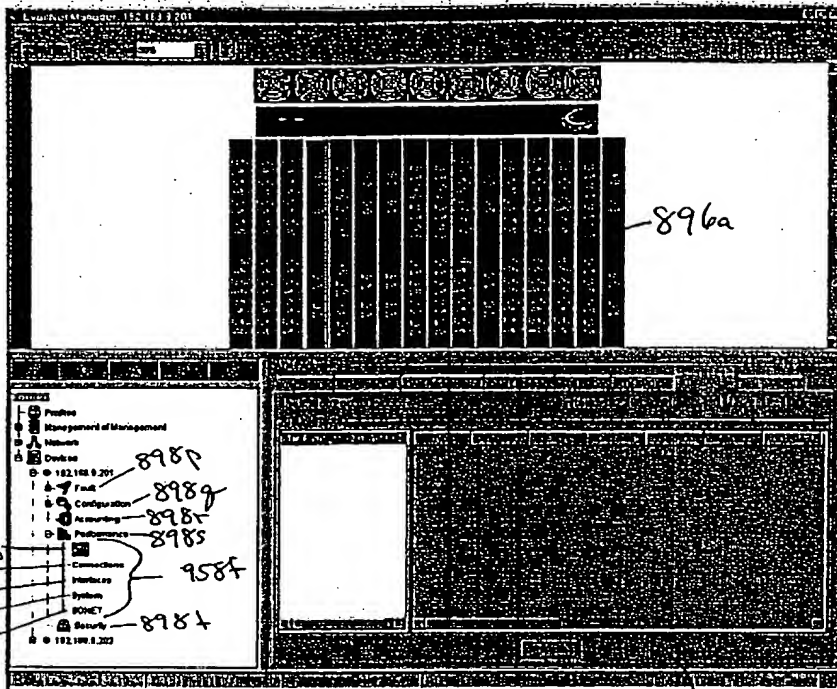
Fig. 7p



897

Fig. 7s

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Fig. 7u

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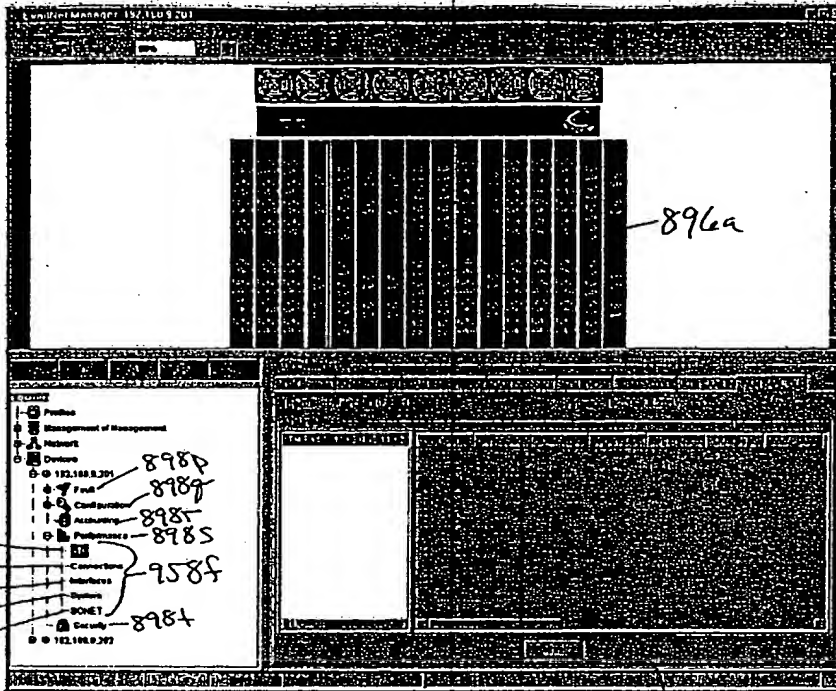
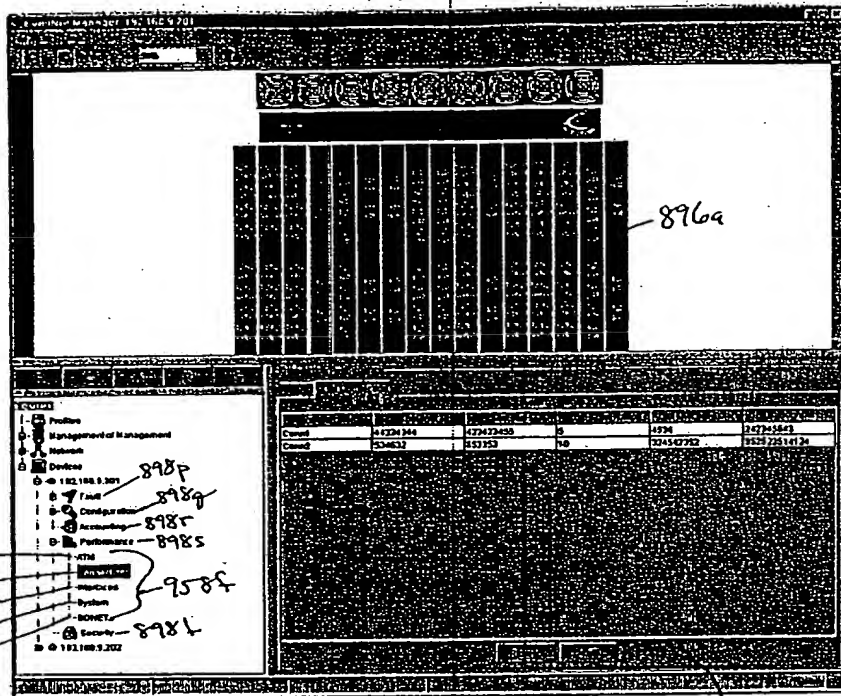
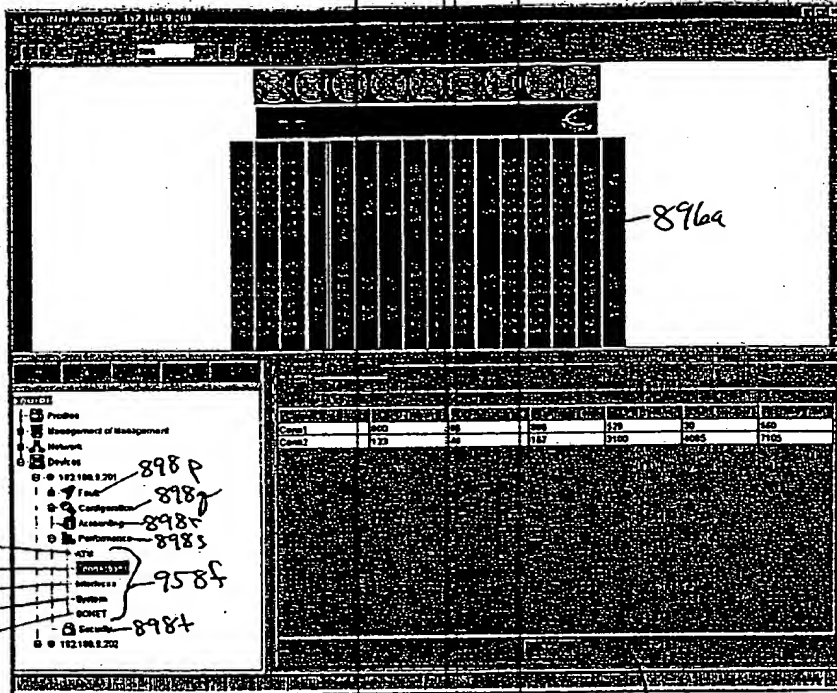


Fig. 7v

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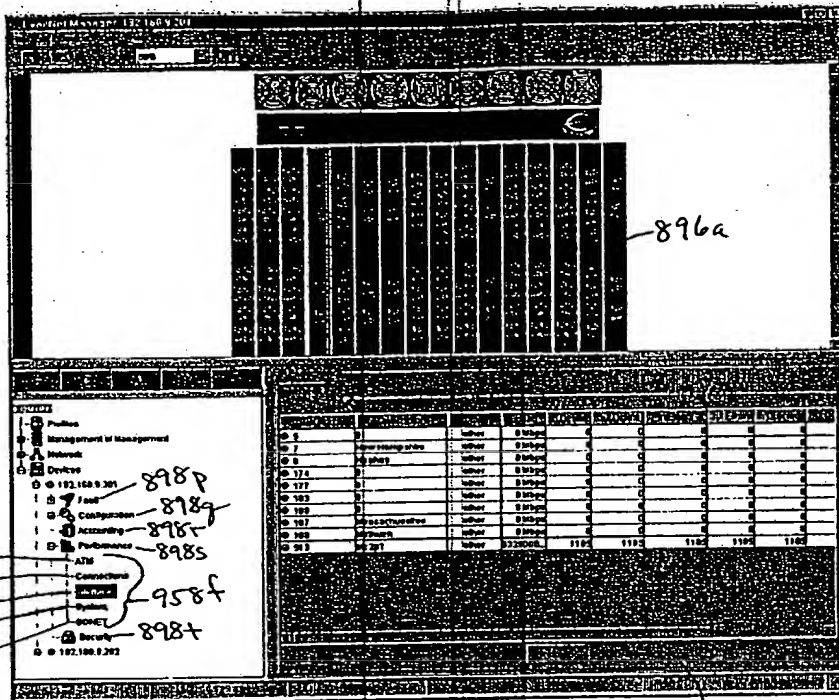
897

Fig. 7x

895
896a
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898P
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Fig. 7y

Fig. 2a

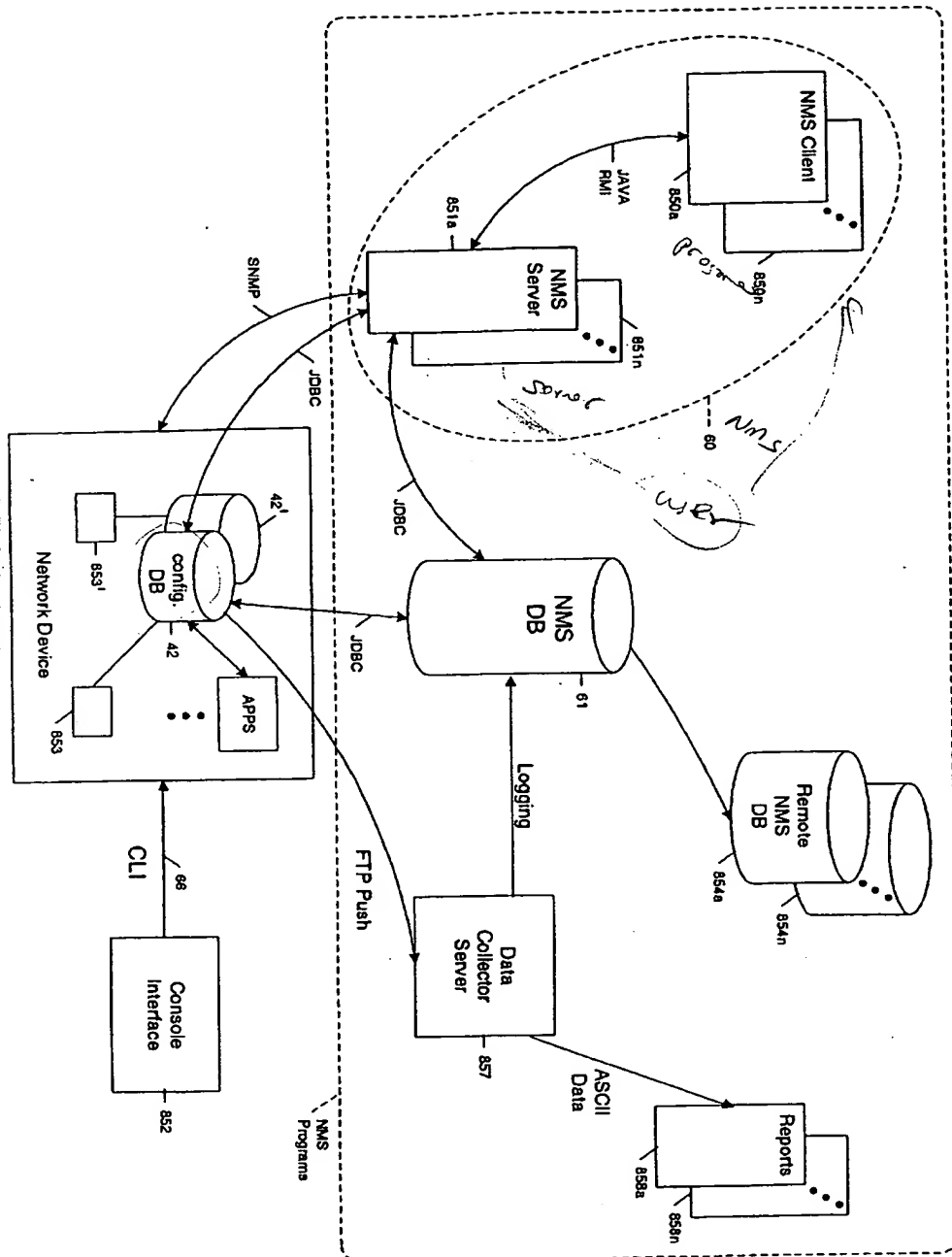
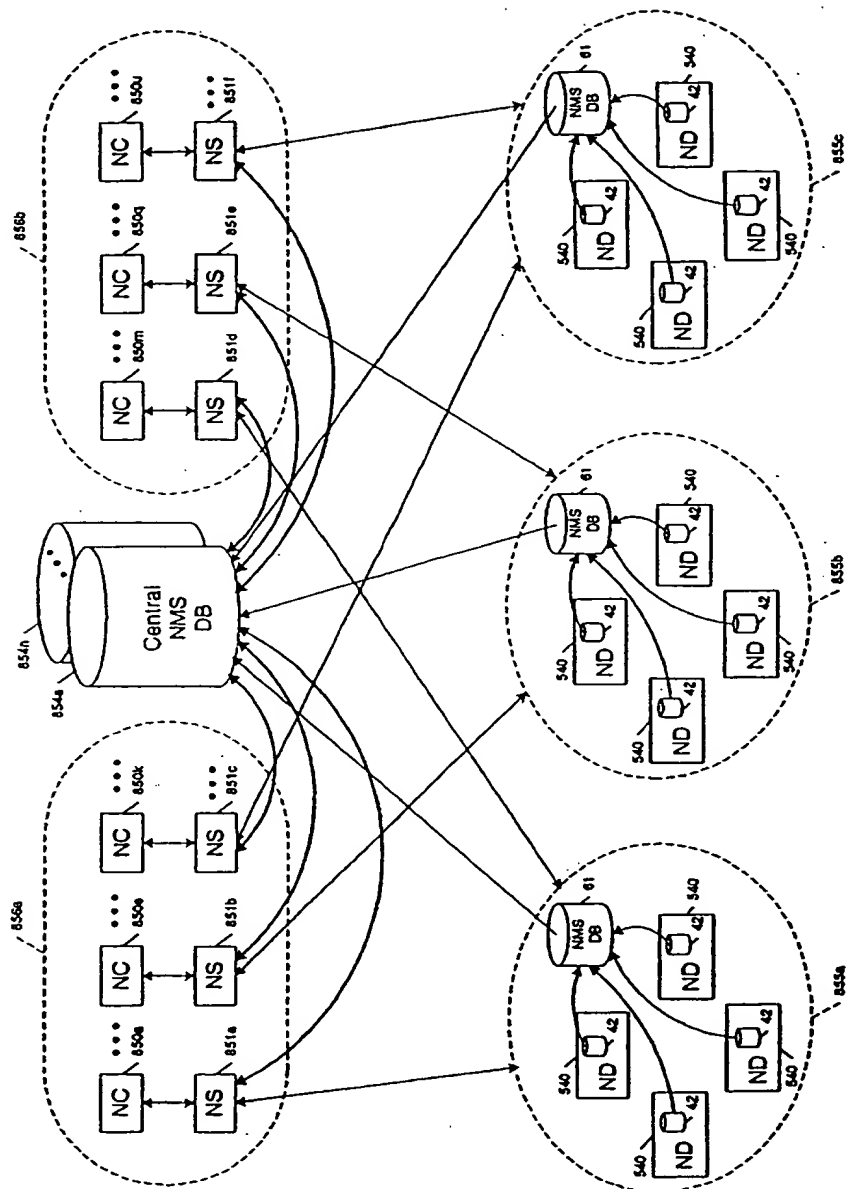


Fig. 2b



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FIG. 3a

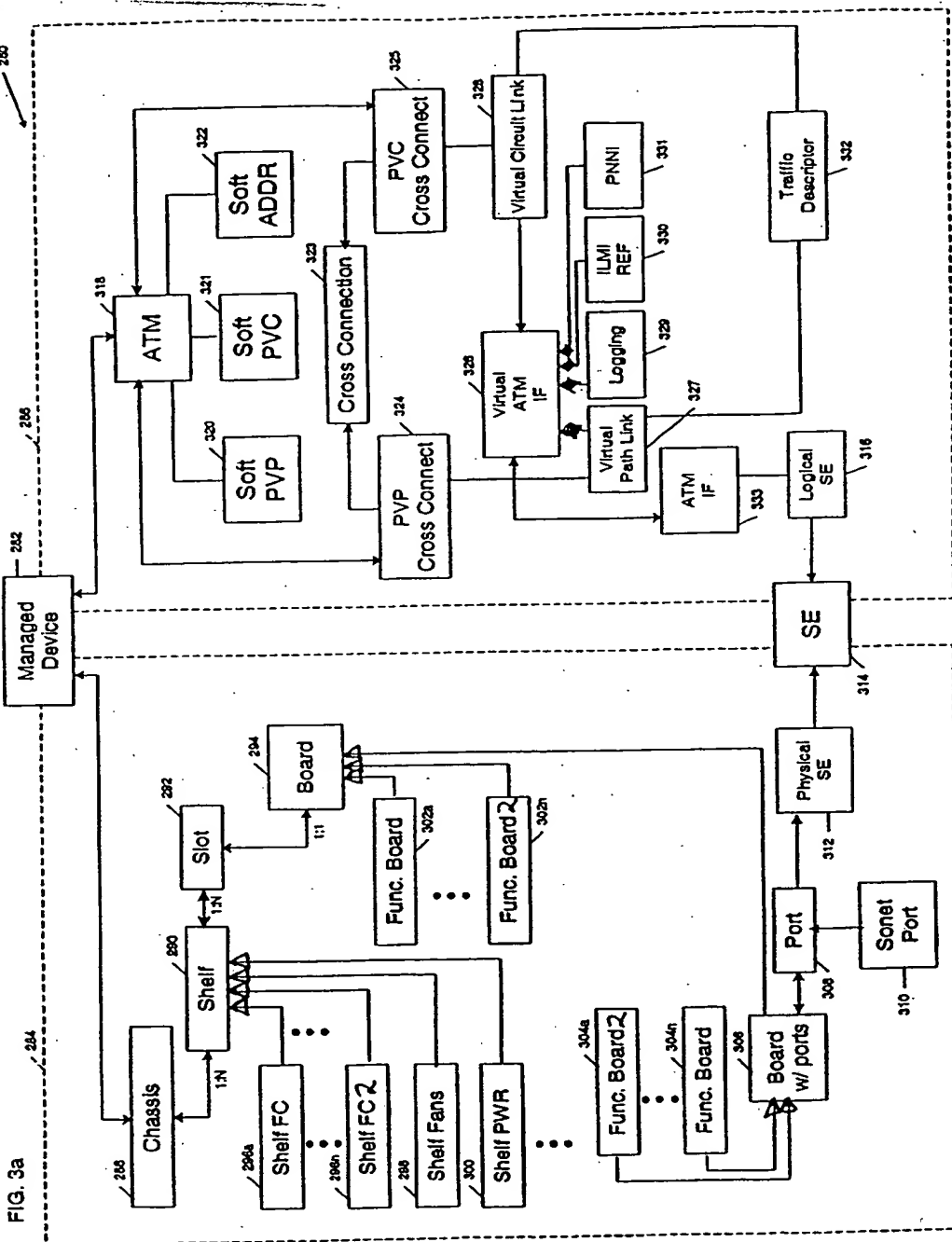
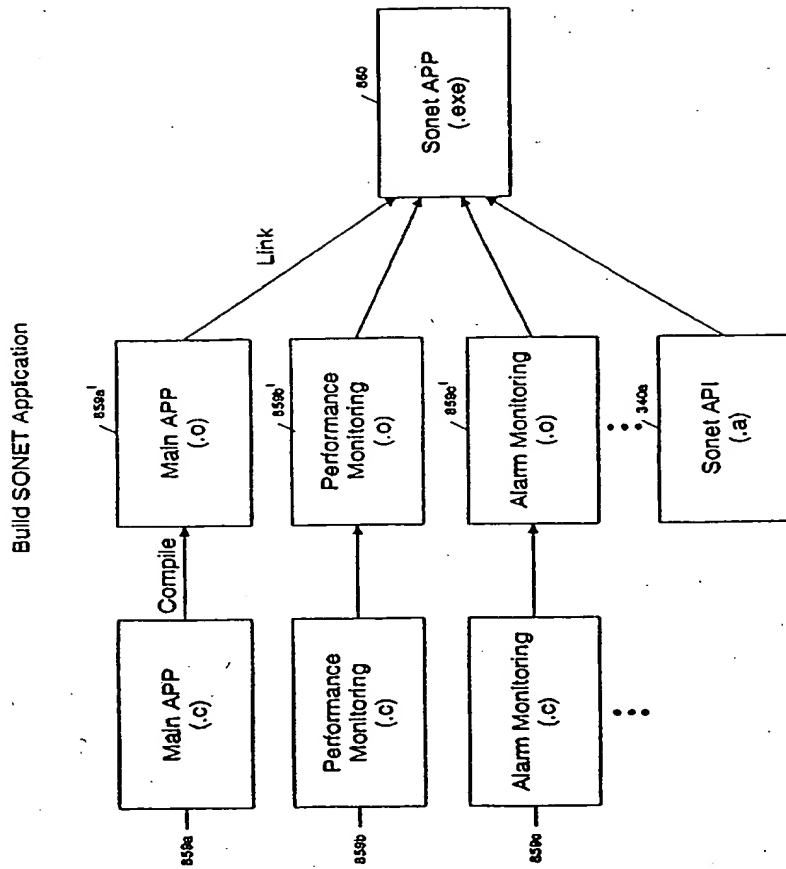
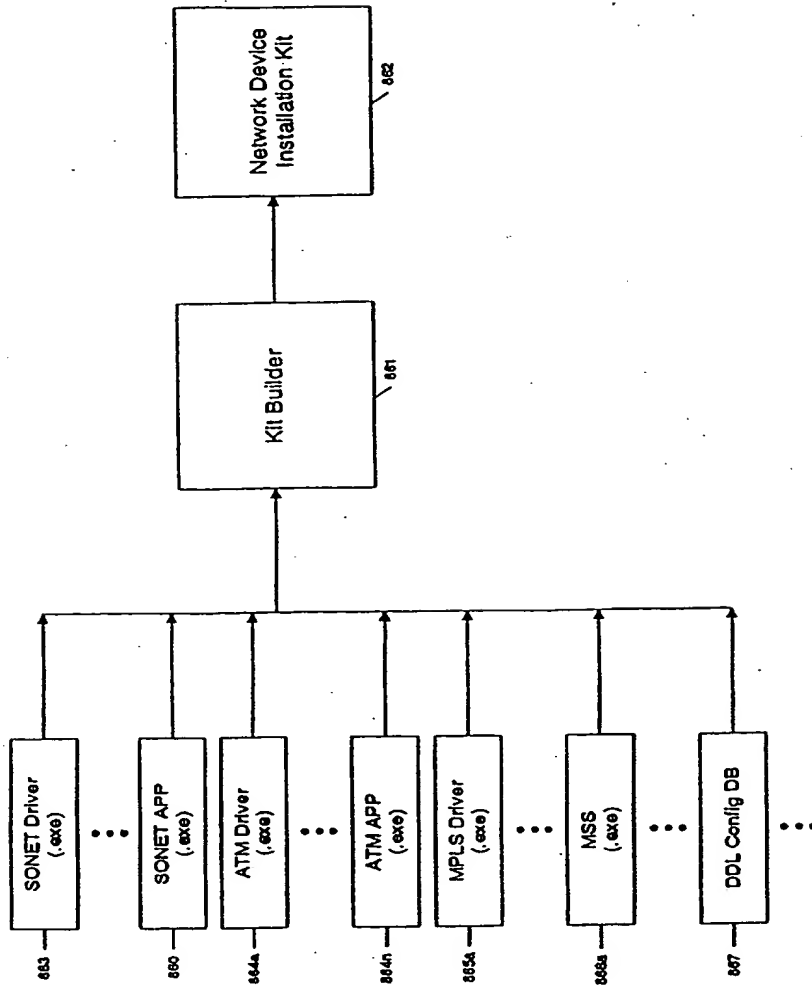


Fig. 3d





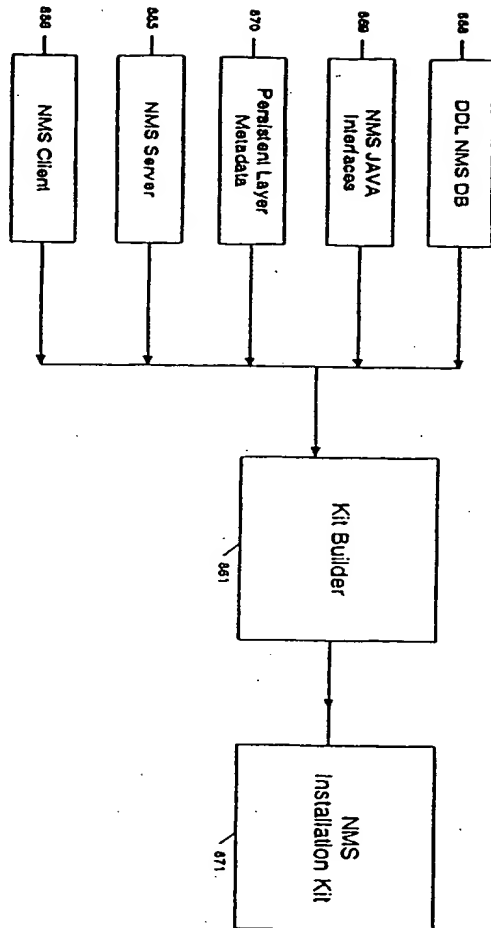


Fig. 3F

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Fig. 39

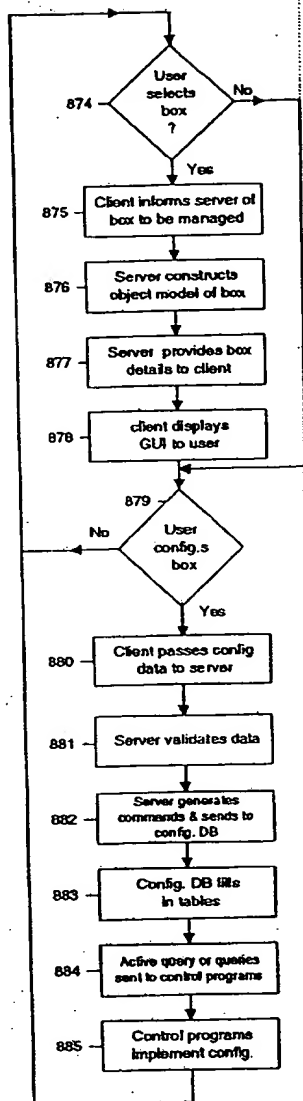
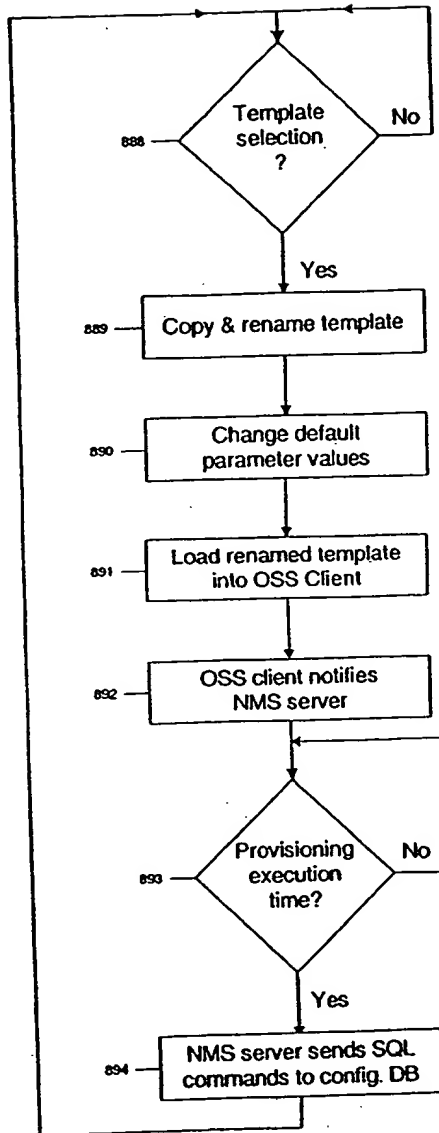


Fig. 3h



```

Command Prompt (2) - enetcli
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli> help
Commands are:

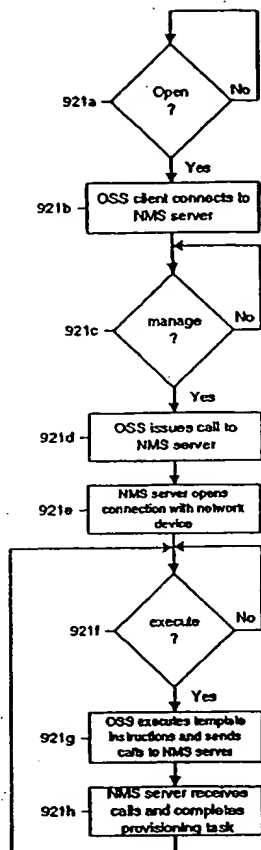
bye
close
execute
help
load
manage
open
quit
showCurrent
showTemplate
set
status
writeCurrent
writeTemplate
Enetcli>
Enetcli>
Enetcli> showCurrent SPATH
ATHName=ATH11/1/1
Concatenated=false
Name=Path11/1/1
Operand=SPATH
Operator=Create
PortID=1
Position=1
Service=ATH
ShelfID=11
SlotID=1
Type=Terminated
Version=V1.1.0.0
Width=STS3
Enetcli>
Enetcli>
Enetcli> showTemplate SPATH
ATHName=(String)TerminatedOnly1
Concatenated=(true|false)
Name=(String)
Operand=SPATH
Operator=(Create|Replace|Update|Delete)
PortID=(Integer)<1-16>
Position=(Integer)
Service=(None|ATH)
ShelfID=(1|top|13|bottom)
SlotID=(Integer)<1-8>
Type=(Switched|Terminated)
Version=V1.1.0.0
Width=(STS1:STS3:STS12:STS48)
Enetcli>
Enetcli>
Enetcli> status
Not currently connected to server
Supporting templates: CONTROL, PUC, SPATH, SPUC, ID, and UAIF
Enetcli>

```

Fig. 3i

**PRINT OF DRAWINGS
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Fig. 3j



PRINT OF DRAWINGS
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```

922 Enetcli>
Enetcli> showCurrent CONTROL
Input=?:\nnns\con\equipecon\nns\util\enetcli
Interactive=false
Operator=CONTROL
923 Operator=Manage
923 Output=?:\nnns\con\equipecon\nns\util\enetcli
923 Password=None
923 System=192.168.9.202
923 User=None
923 Version=01.1.0.0
923 Server=localhost
923 Enetcli>

```

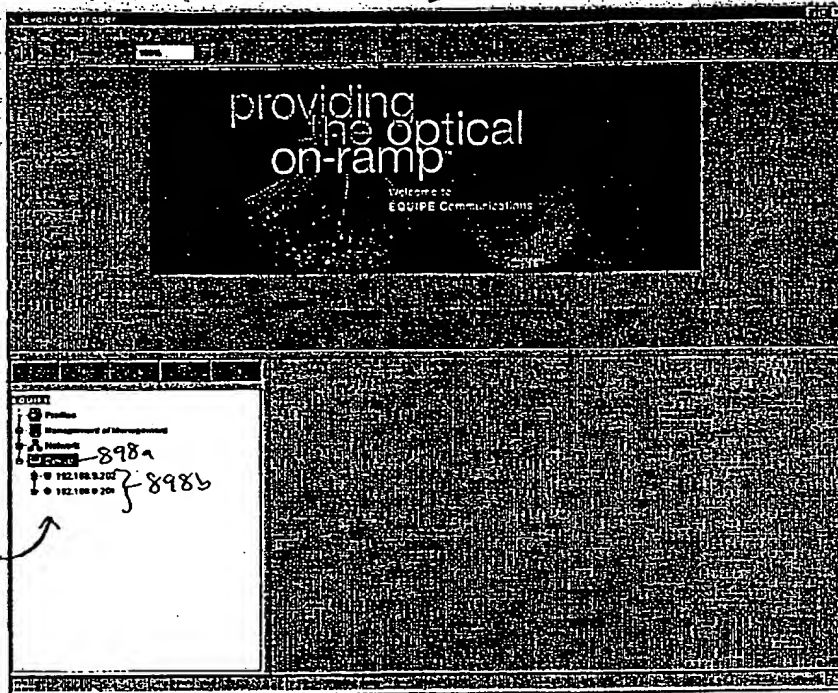



Fig. 4a

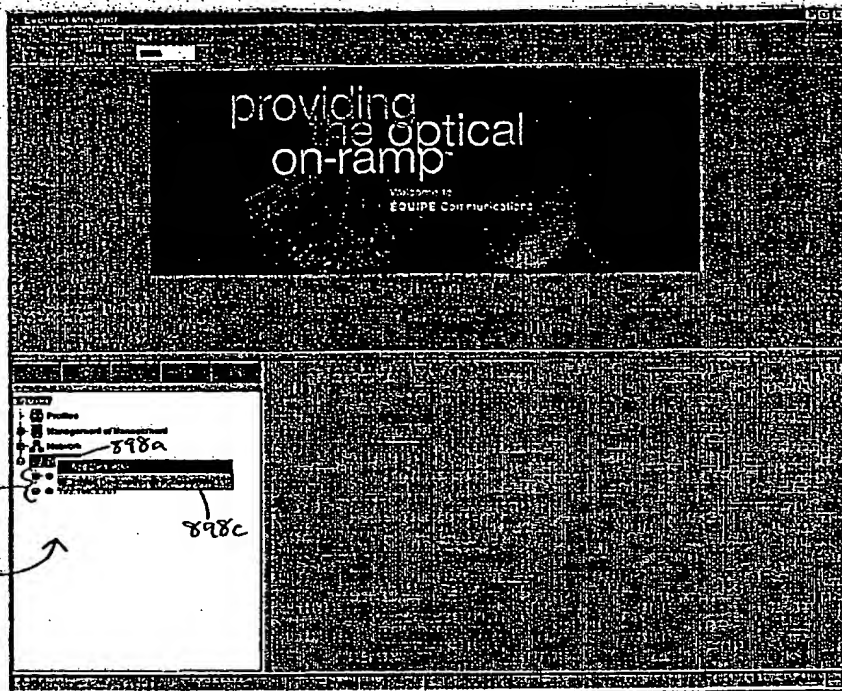


Fig. 4b

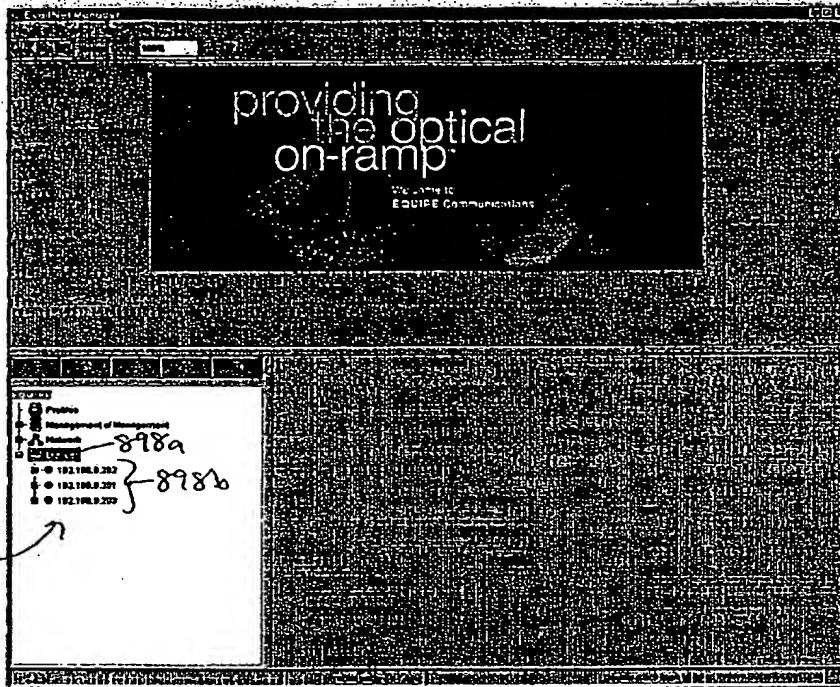


Fig. 4e

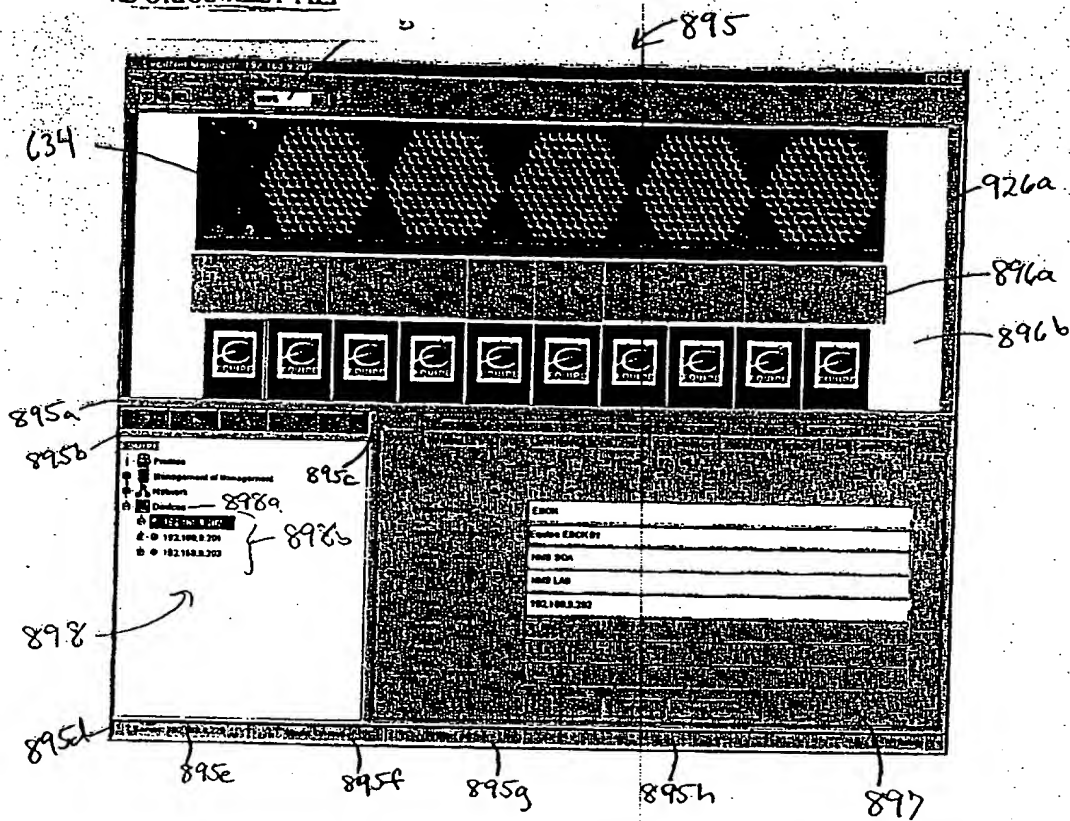


Fig. 4f

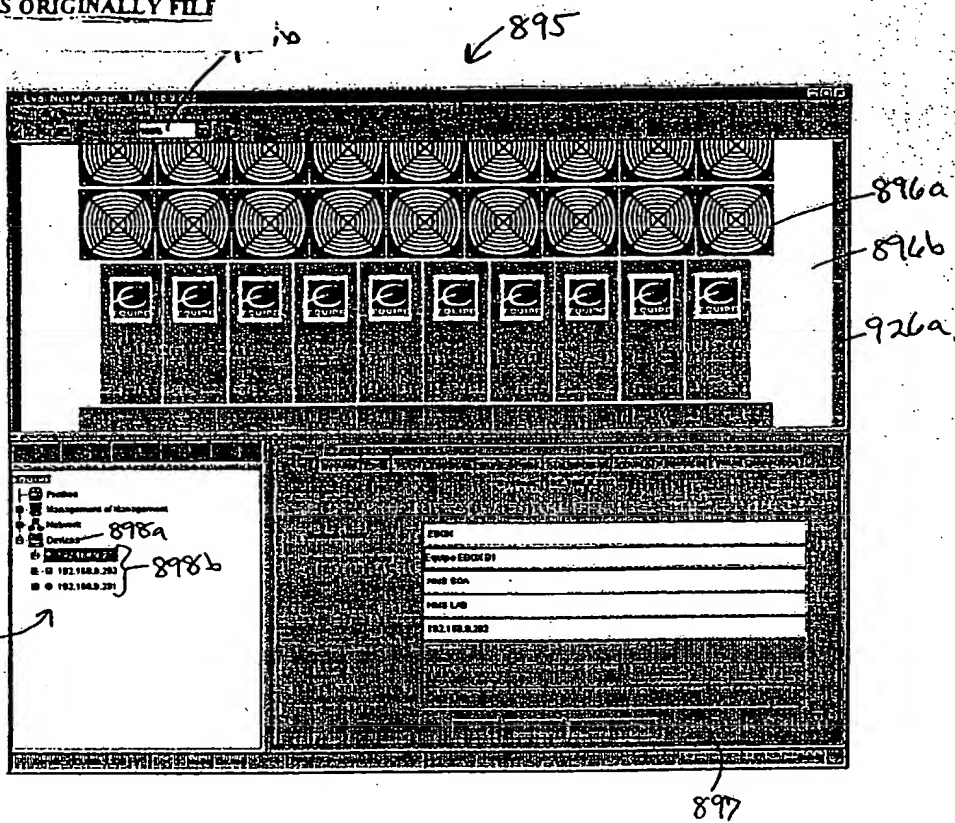


Fig. 4g

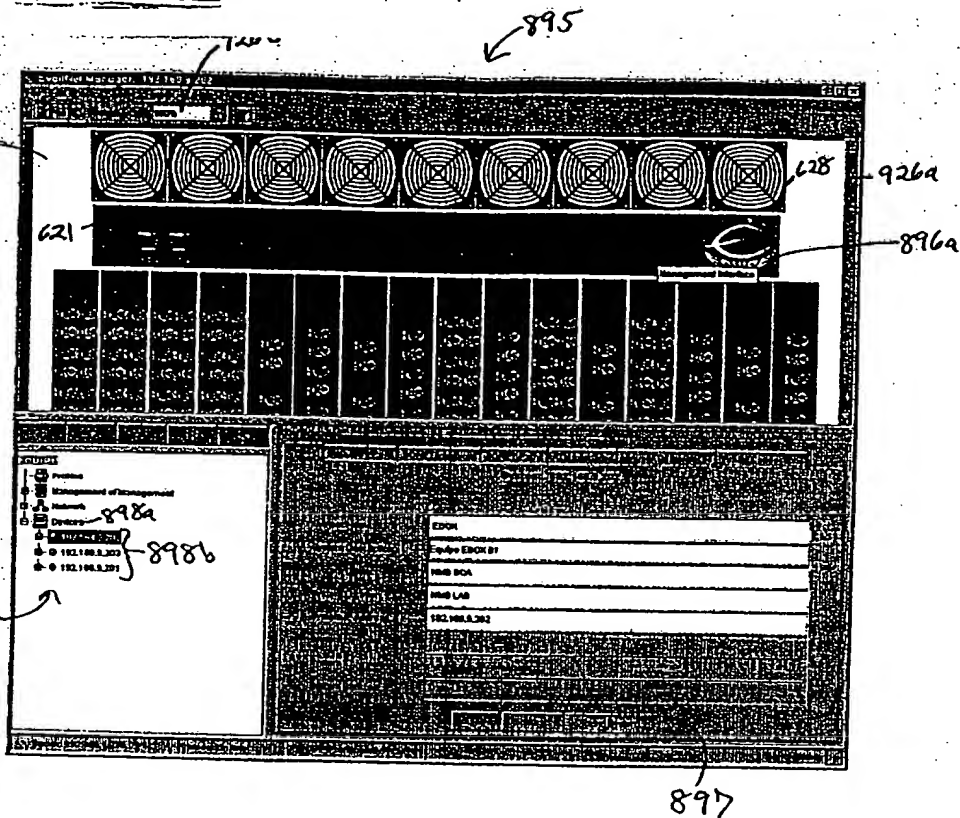


Fig. 4i

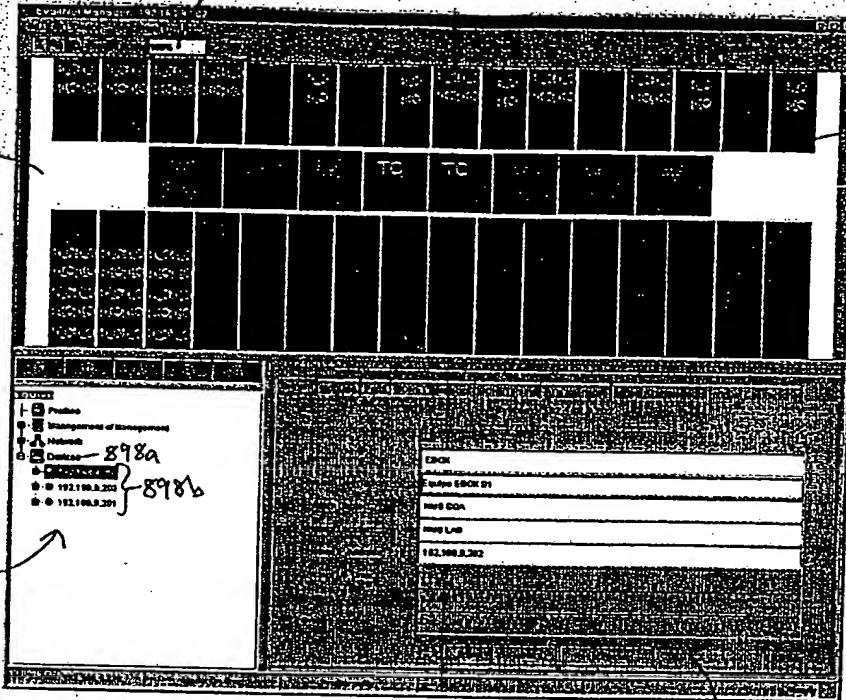


Fig. 4j

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896b

896a

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926a

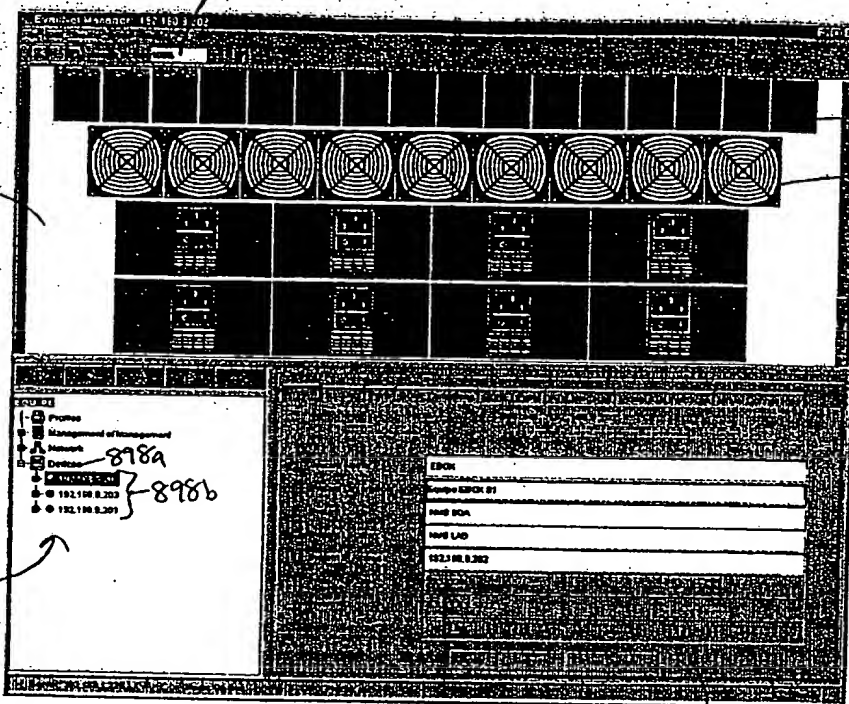


Fig. 4K

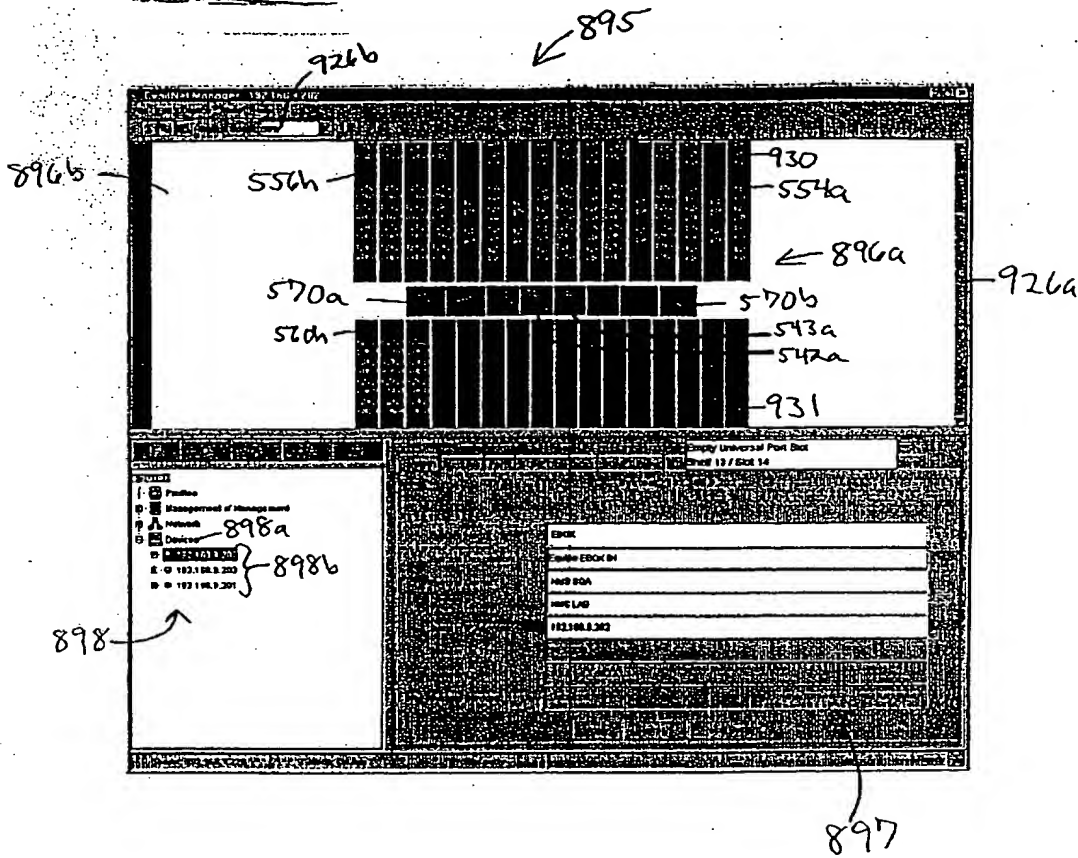
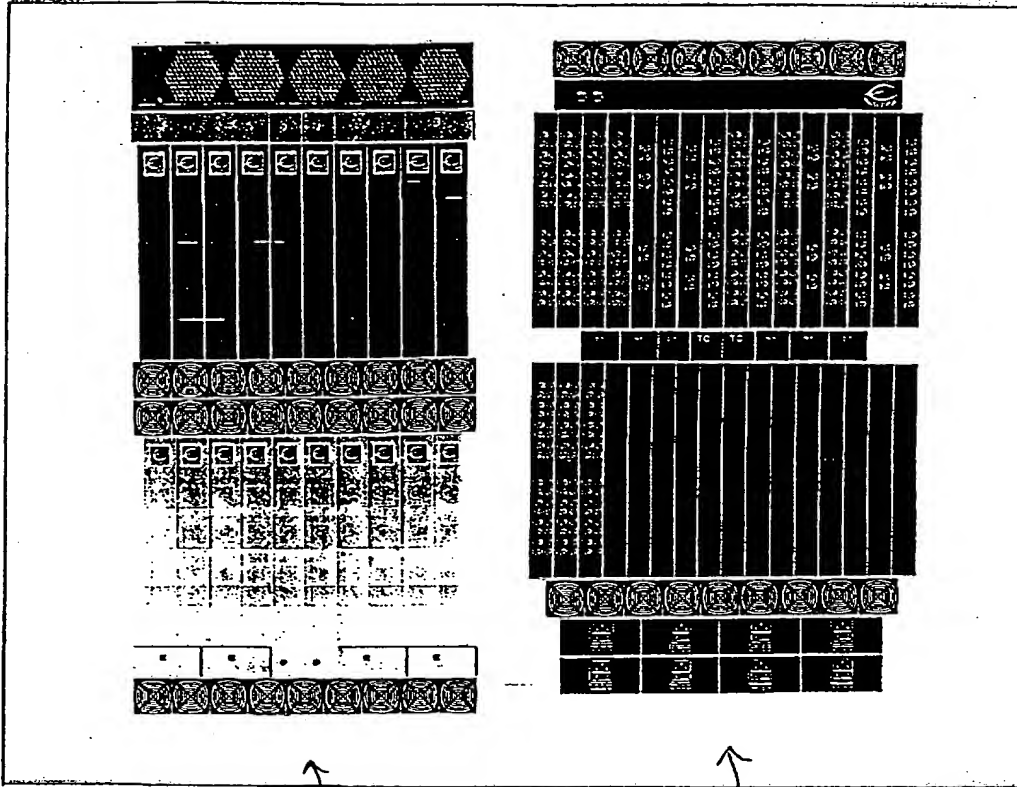


Fig. 4L

955



955a

955b

Fig. 4n

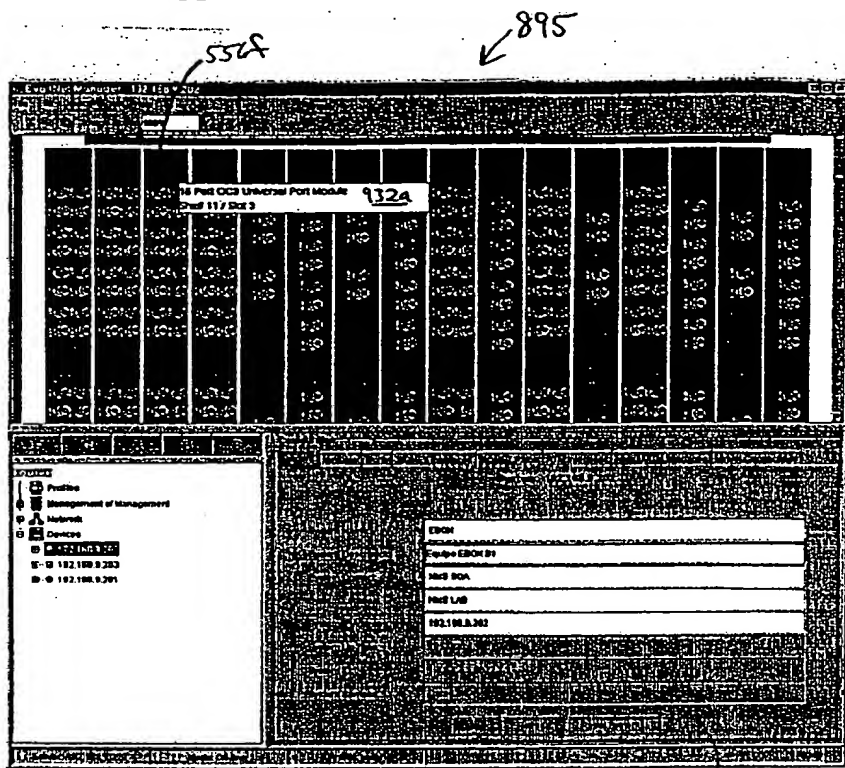


Fig. 40

897

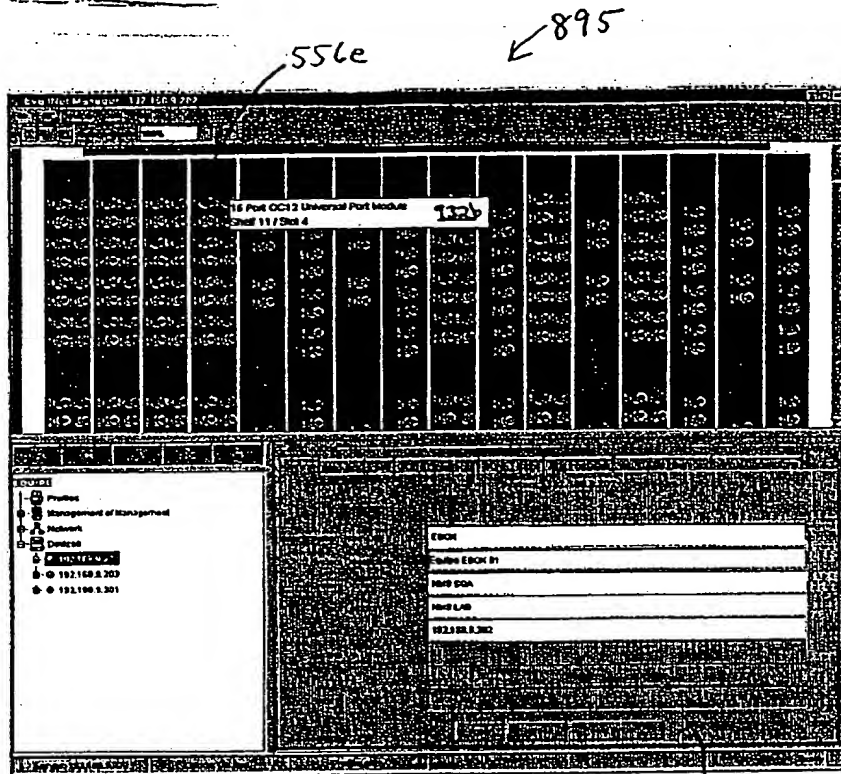
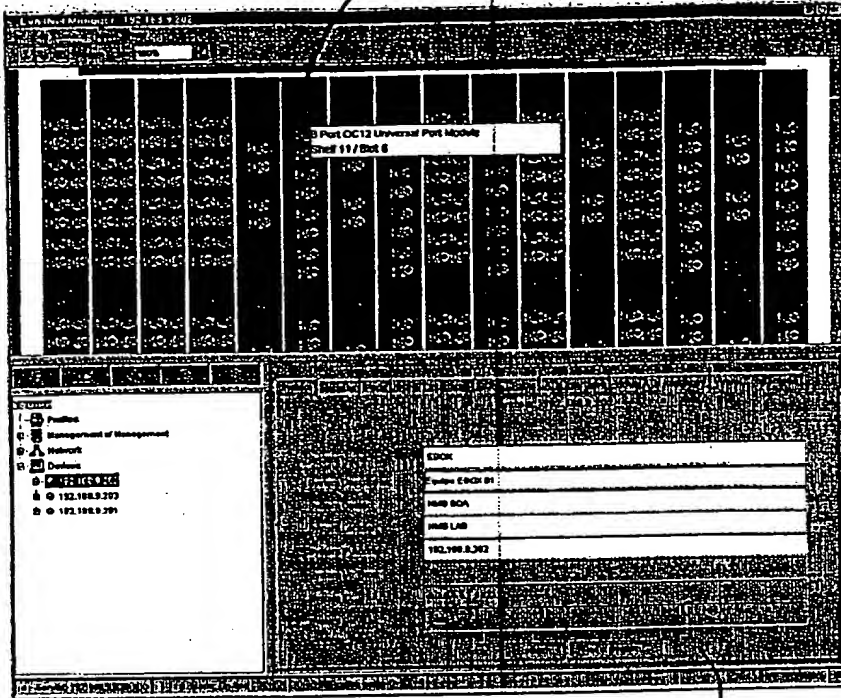


Fig. 4p

556c

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897

Fig. 4r

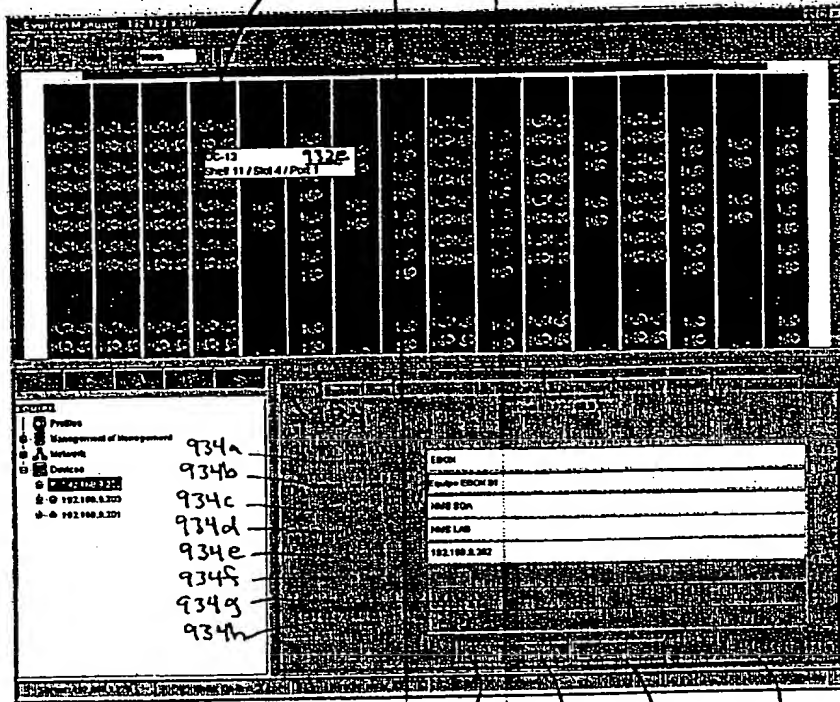


Fig. 4s

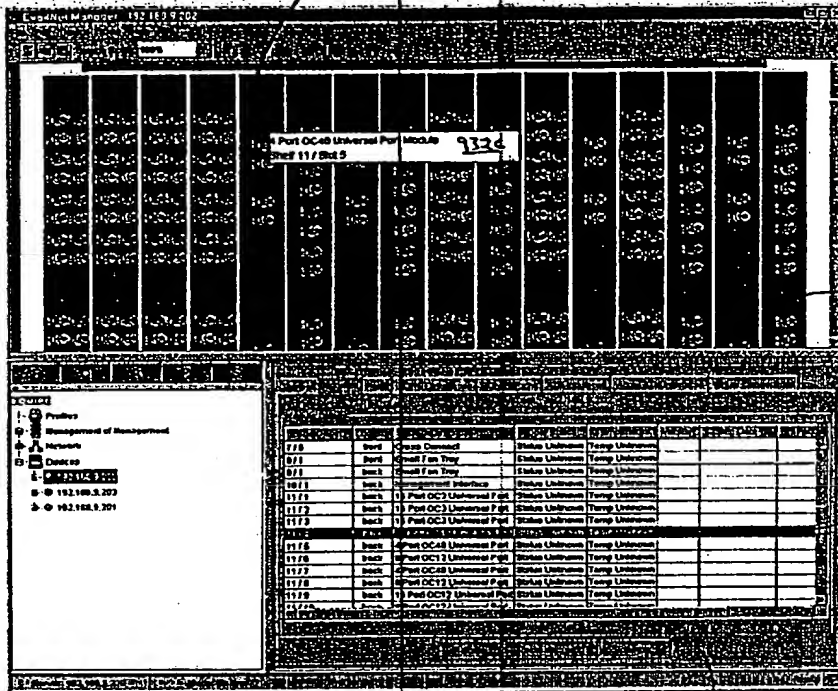


Fig. 44

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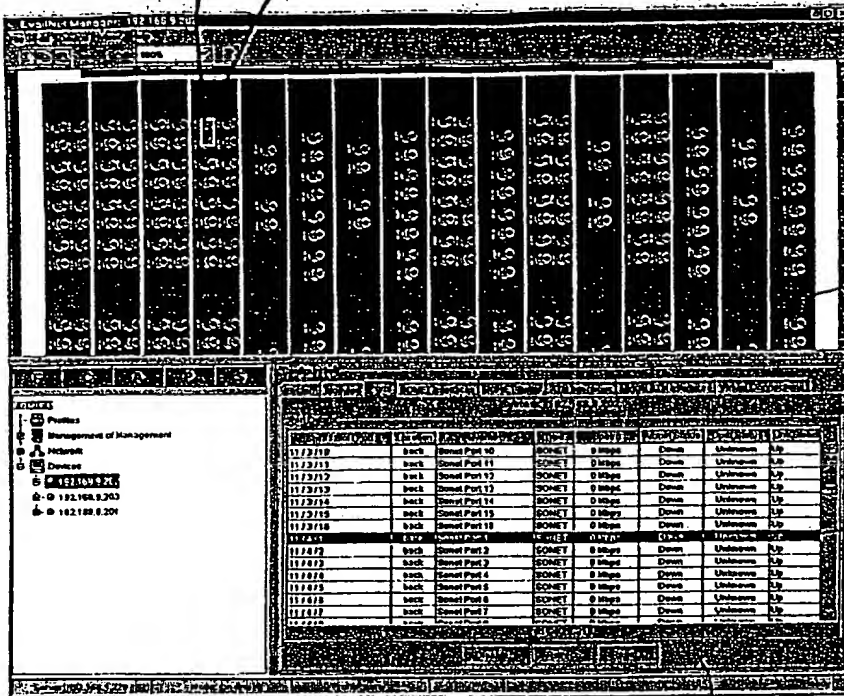


Fig. 4u

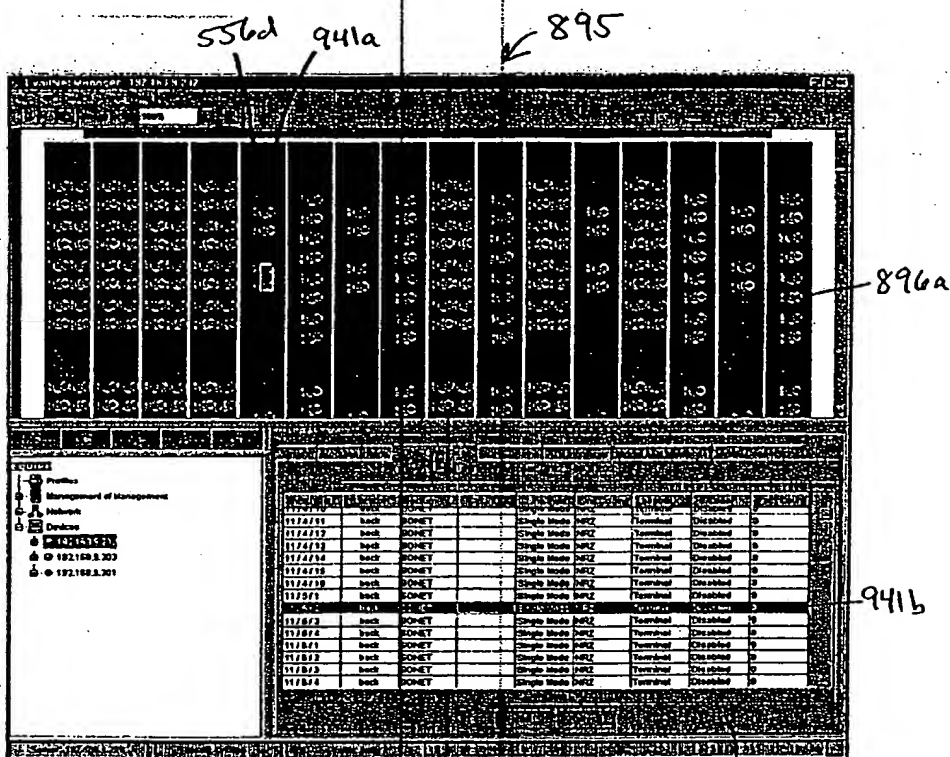


Fig. 4v

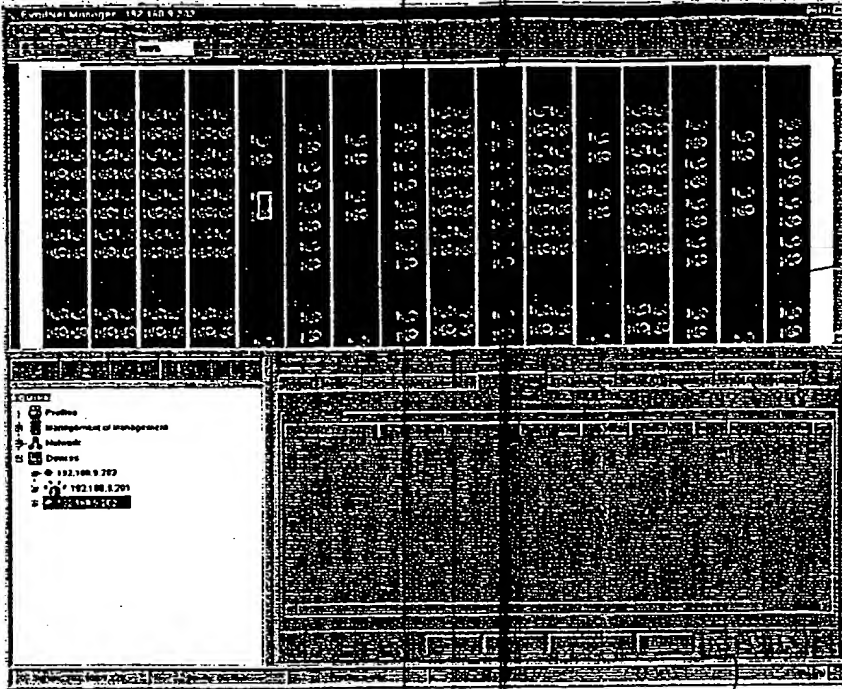


Fig. 4w

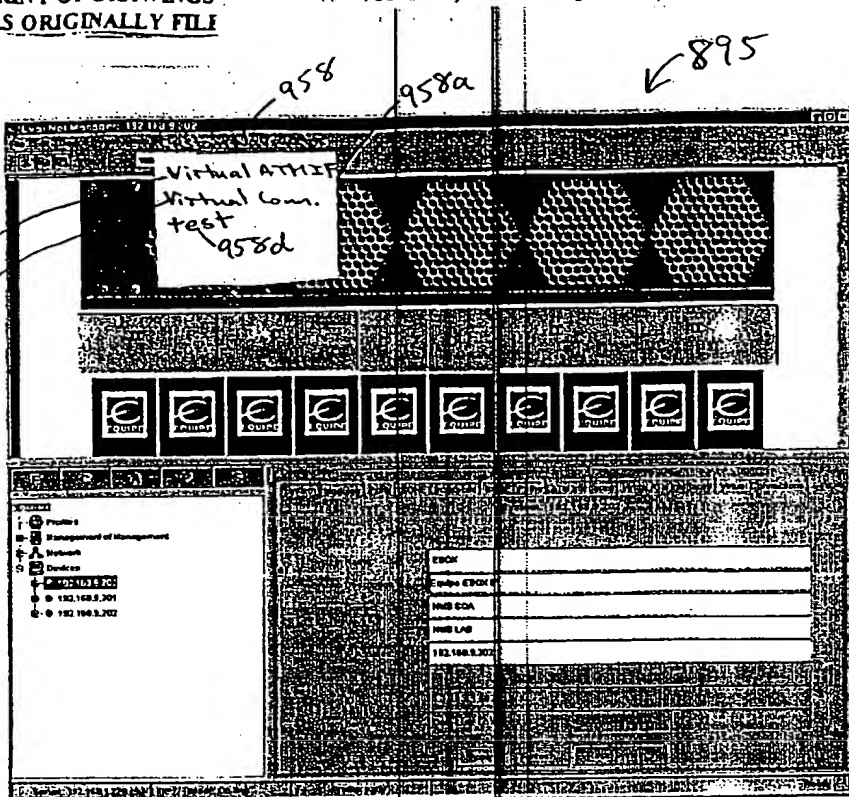


Fig. 4x

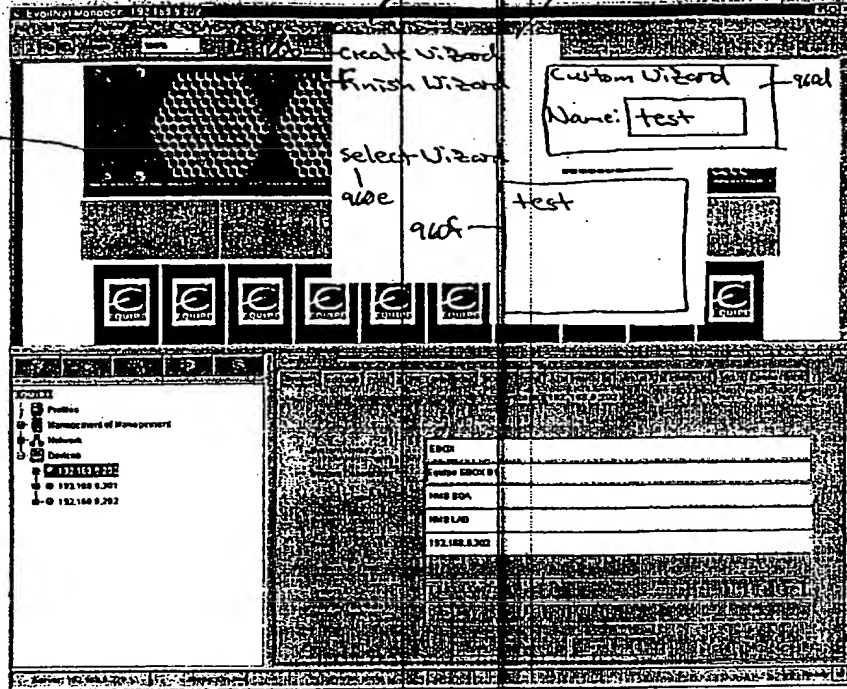
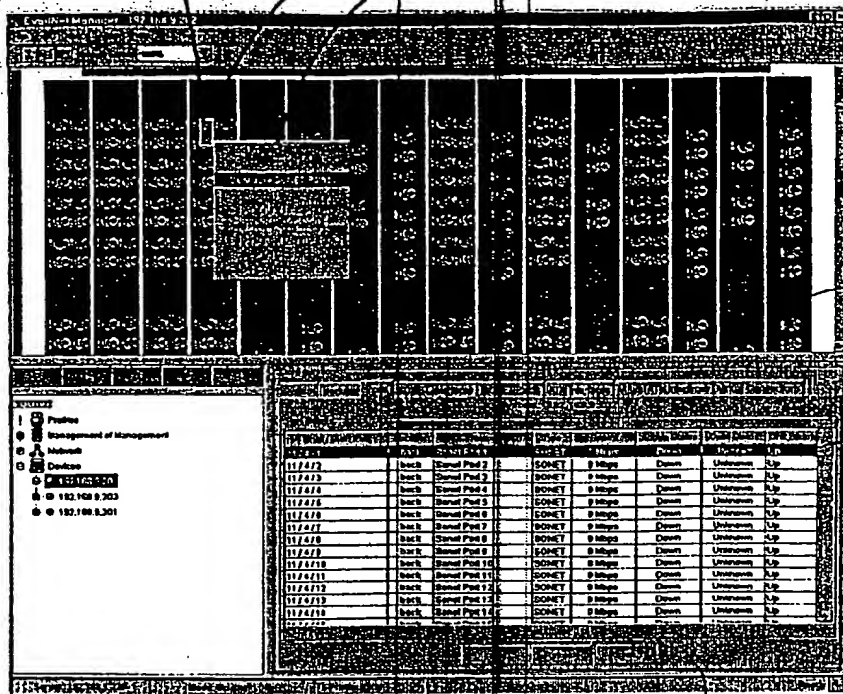


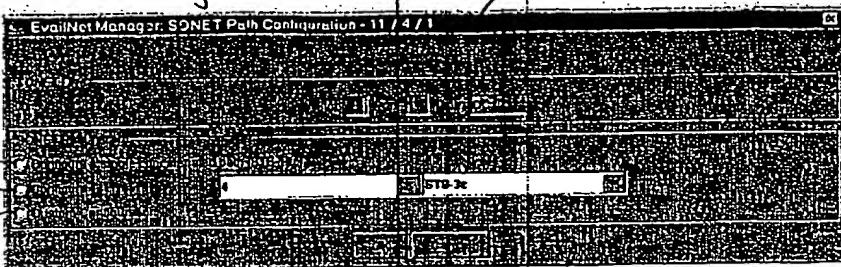
Fig. 4y

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Fig. 5b

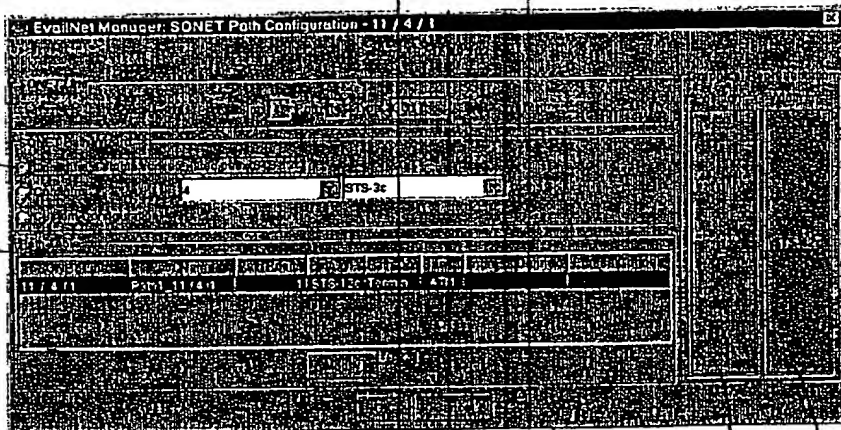
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944b

944c

944d



944

944e

944f

Fig. 5c

~g. 5d

944

944a

944c

944g

EventNet Manager: SONET Path Configuration - 11 / 4 / 1

SONET Path	Path ID	Path Name	Path Type	Path Status	Path Description	Path Location	Path Action
11 / 4 / 1	Path1-11 / 4 / 1	1	STS-3c	Terminated	STM		
11 / 4 / 1	Path2-11 / 4 / 1	4	STS-3c	Terminated	ATM		
11 / 4 / 1	Path3-11 / 4 / 1	7	STS-3c	Terminated	ATM		
11 / 4 / 1	Path4-11 / 4 / 1	10	STS-3c	Terminated	ATM		

STS-3c

STS-3c

STS-3c

STS-3c

STS-3c

944f
944e

944a

944c

944g

EventNet Manager: SONET Path Configuration - 11 / 4 / 1

SONET Path	Path ID	Path Name	Path Type	Path Status	Path Description	Path Location	Path Action
11 / 4 / 1	Path1-11 / 4 / 1	1	STS-12c	Terminated	ATM		

STS-12c

944

944e 944f

Fig. 5e

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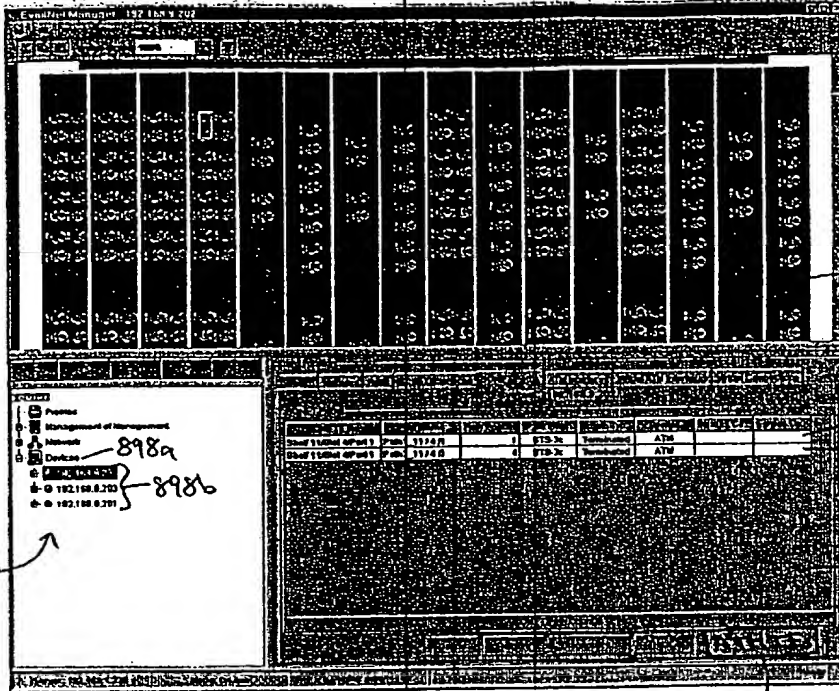


Fig. 5h

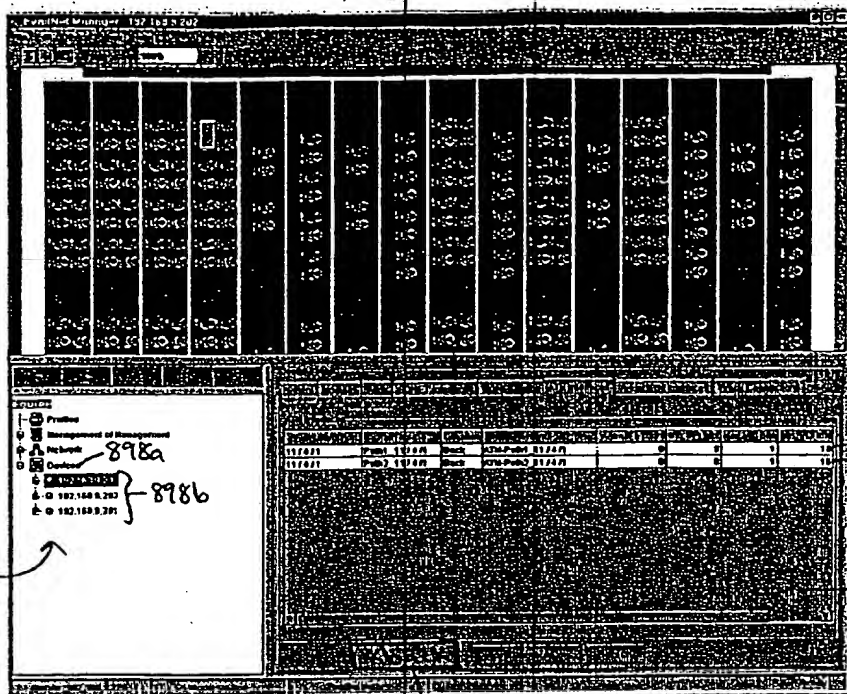


Fig. 5i

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940a

Fig. 5K



ERMET Manager: SONET Path Configuration - 11 / 5 / 2

Path ID	Path Name	Path Type	Path Status	Path Description
1	STE-12x	1	1	

Path ID: 1 Path Name: STE-12x Path Type: 1 Path Status: 1

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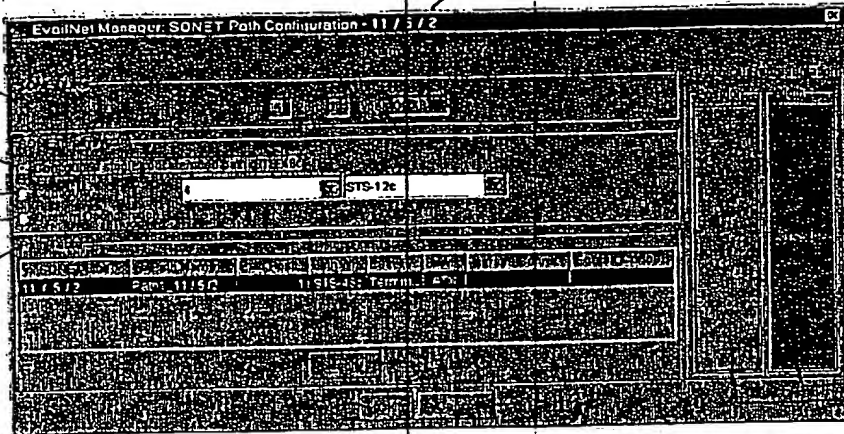
944a

944b

944c

944d

944g



944f

944e

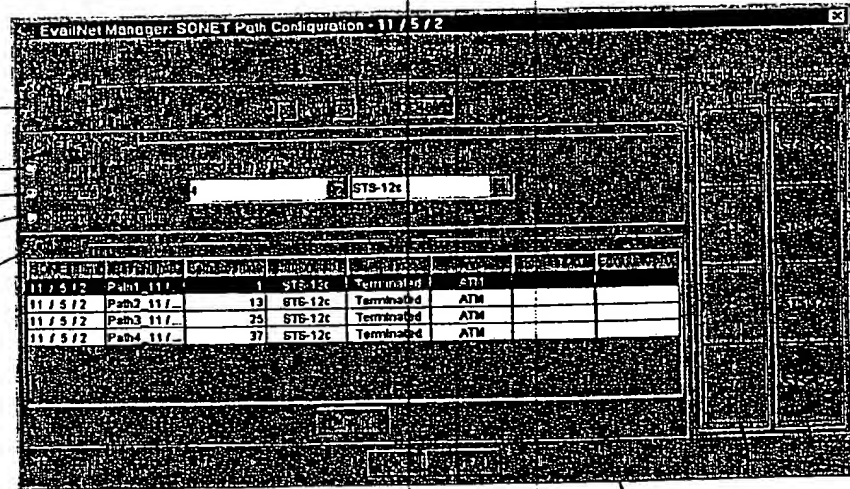
944a

944b

944c

944d

944g



944f

944e

944

Fig. 5m

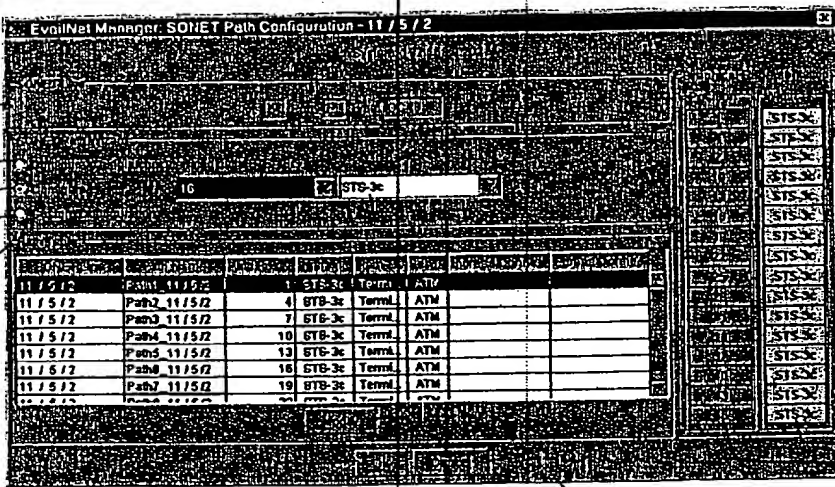
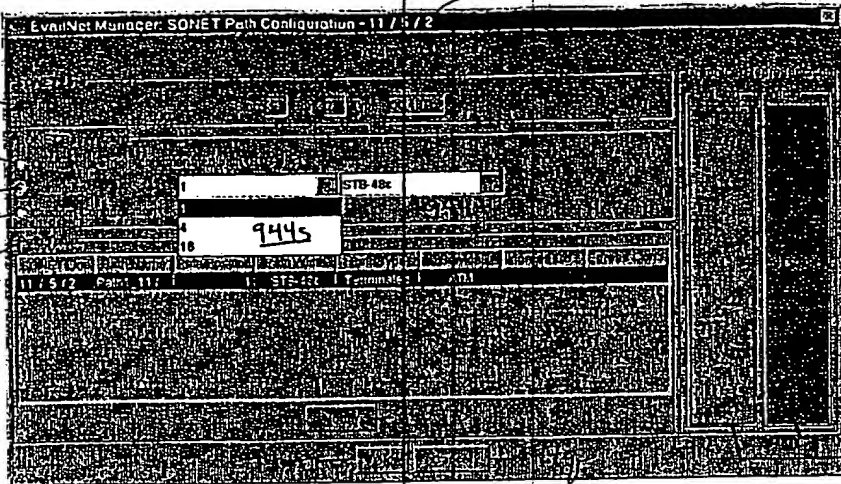
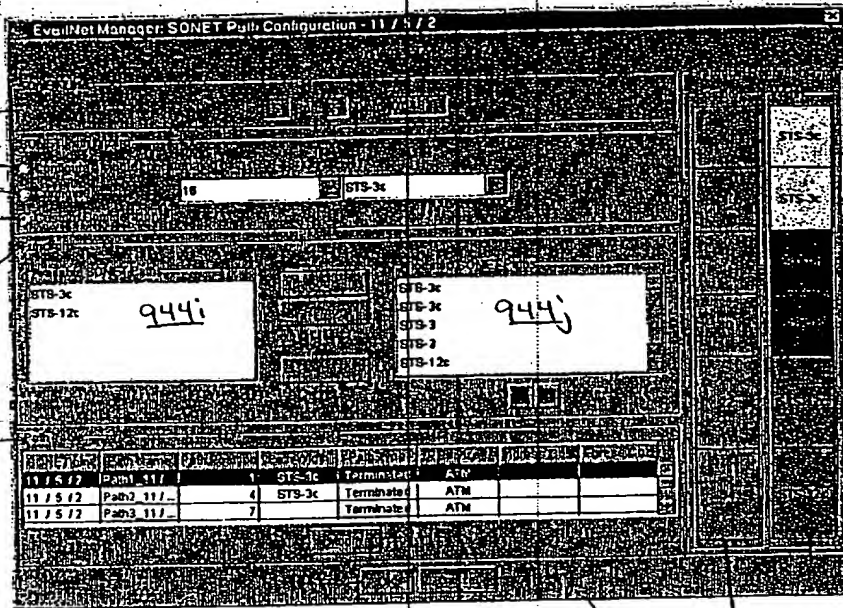


Fig. 50

944a
944b
944c
944d
944h



944g

944f

944

944e

Fig. 5p

944a
944b
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944i
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944m
944n
944o
944p
944q
944r
944s
944t
944u
944v
944w
944x
944y
944z

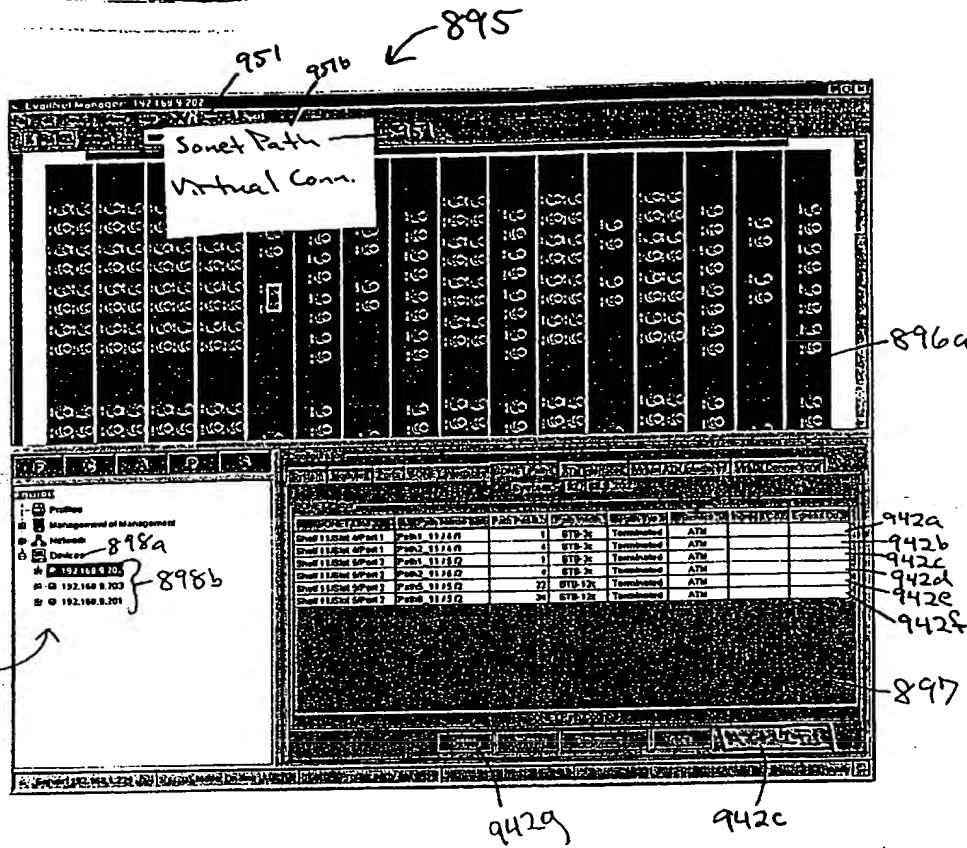
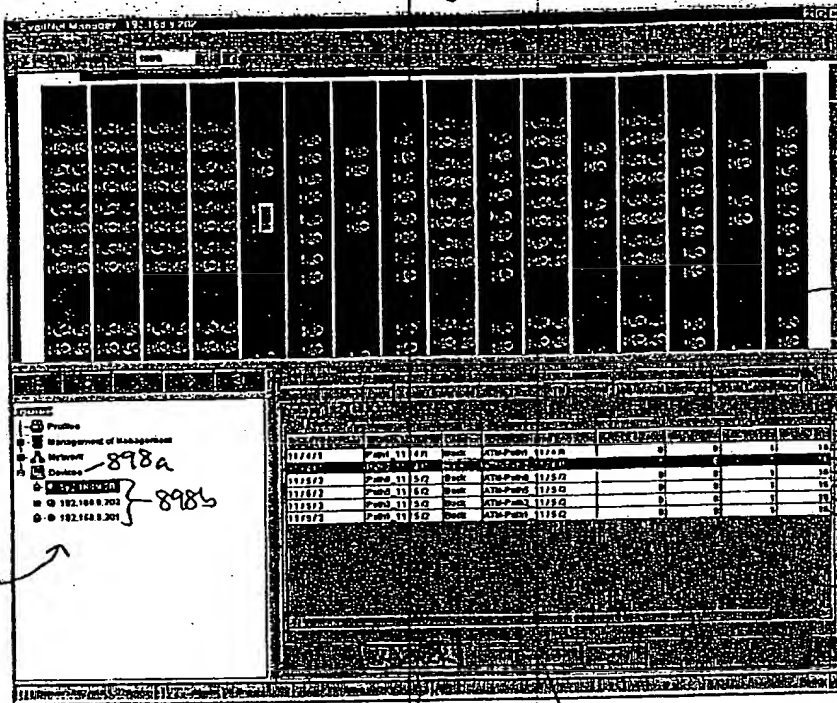


Fig. 5g

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896a

946a
946b
946c
946d
946e
946f

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898

946h

946g

Fig. 5

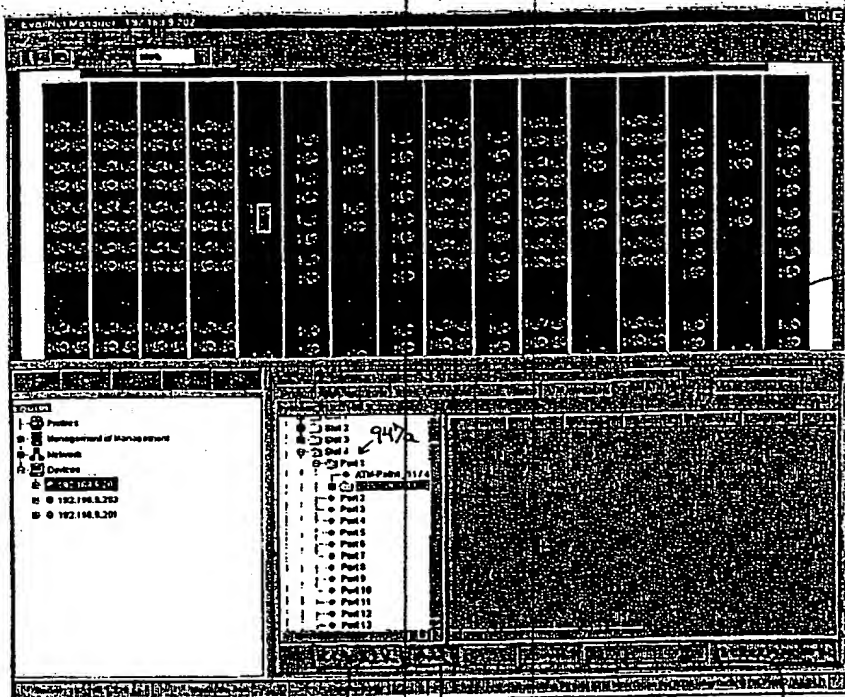


Fig. 5s

950

950d
950a
950b
950c

-947c

9476

Fig. 5u

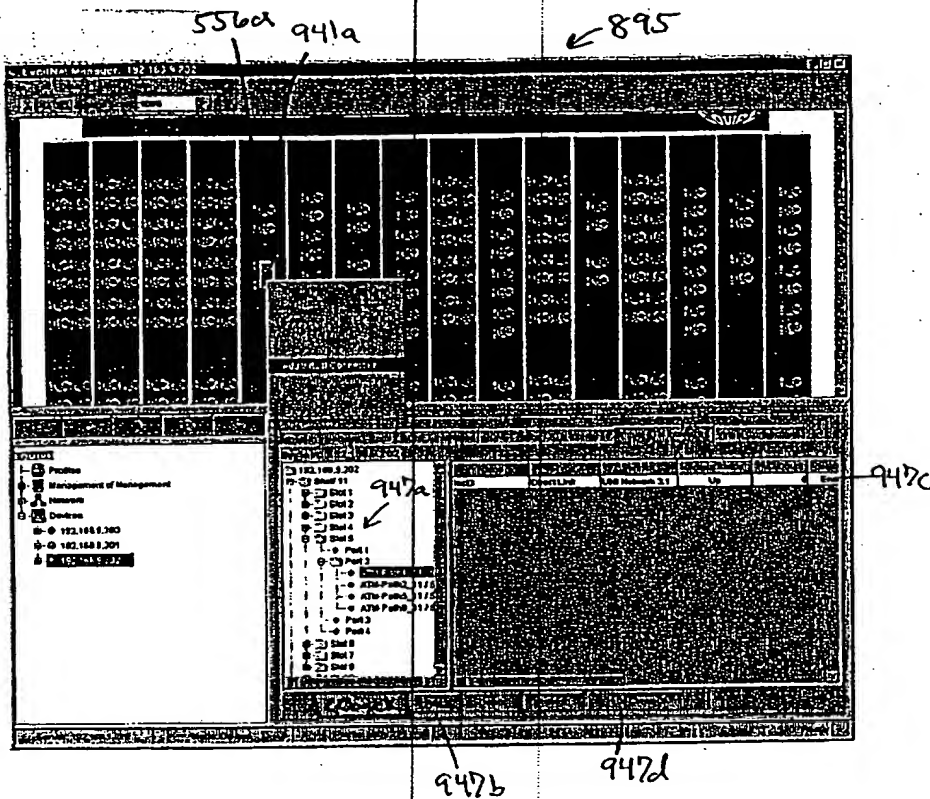


Fig. 5v

952

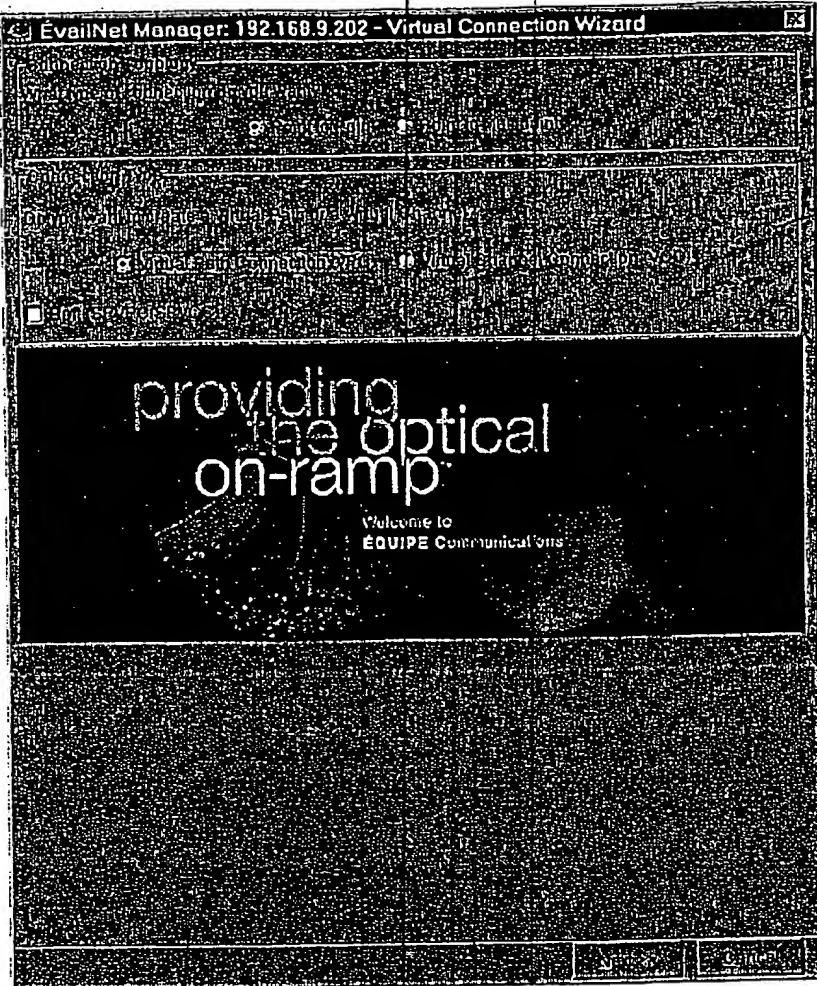


Fig. 5w

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New Traffic Descriptor	
Name:	<input type="text"/>
QoS Class:	<input type="text"/> ▼
Type:	<input type="text"/> ▼
<div><input type="button" value="OK"/> <input type="button" value="Cancel"/></div>	

Fig. 5Y

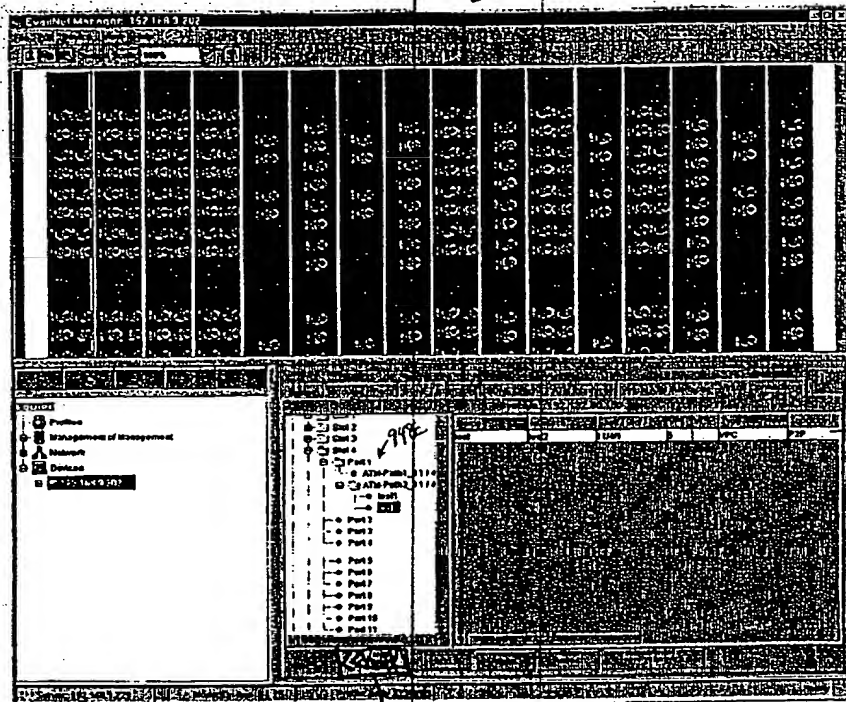


Fig. 57

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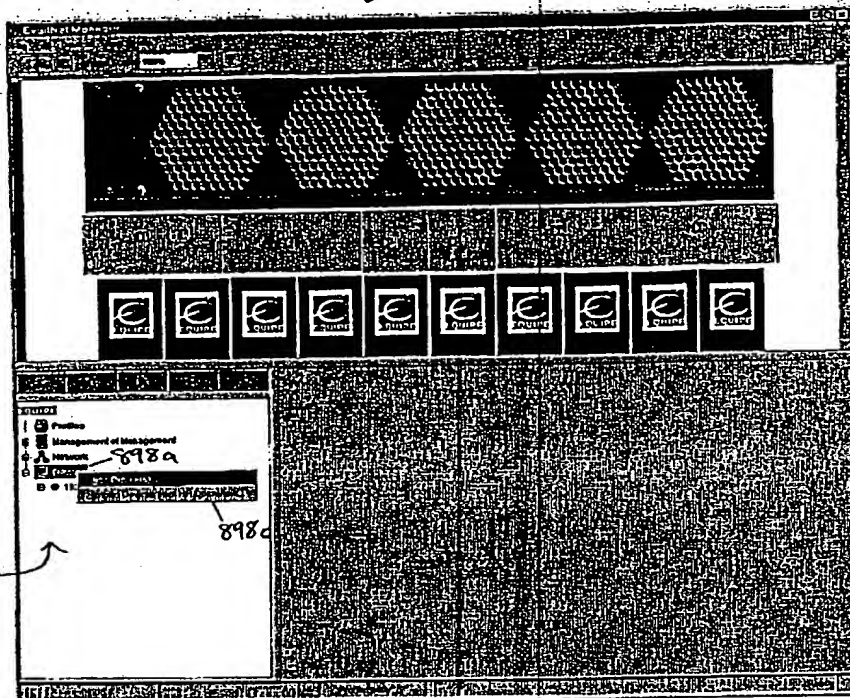


Fig. 6a

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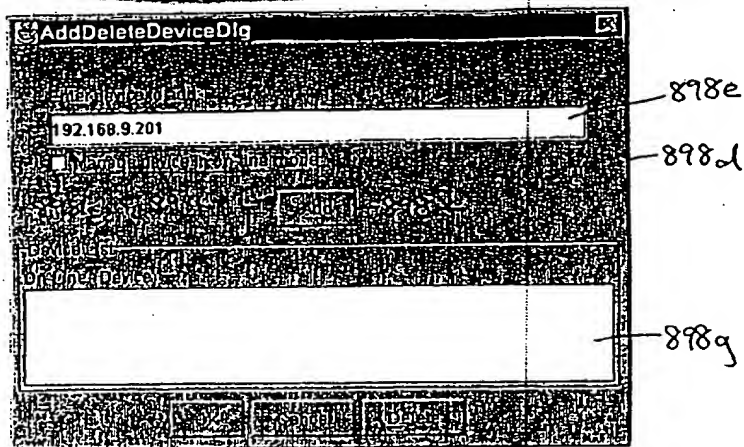
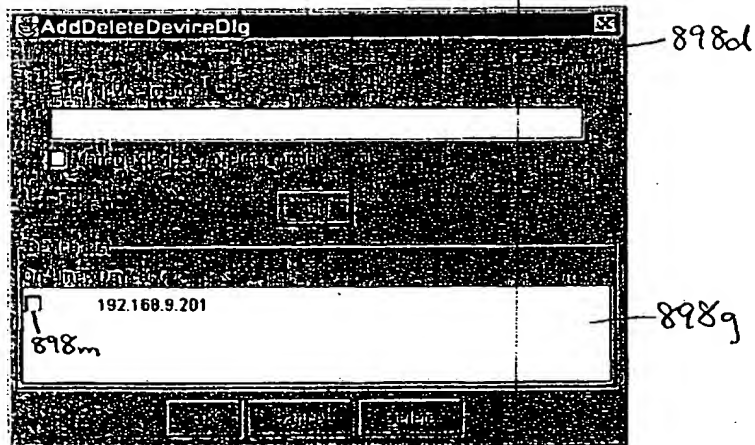


Fig. 6c



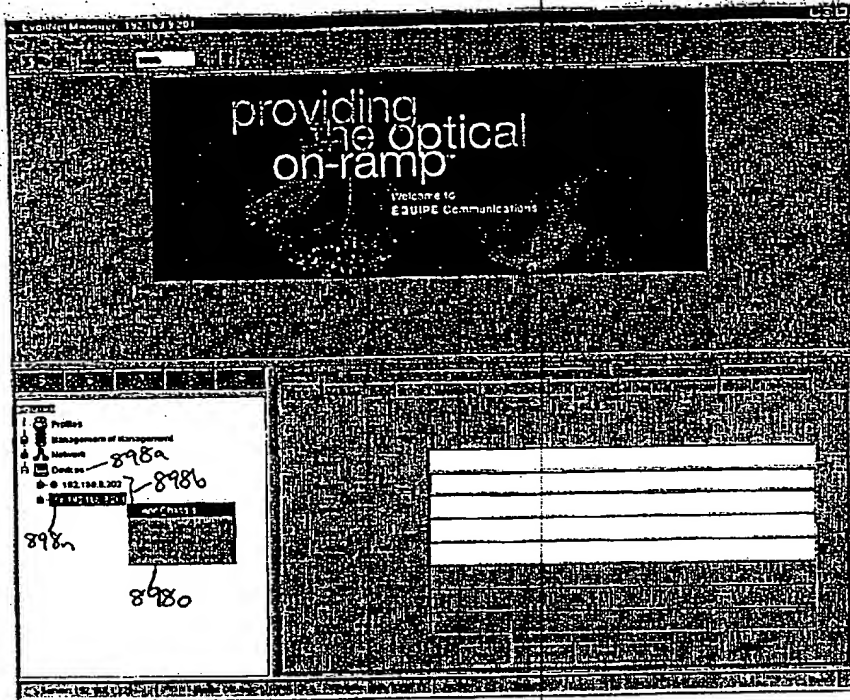
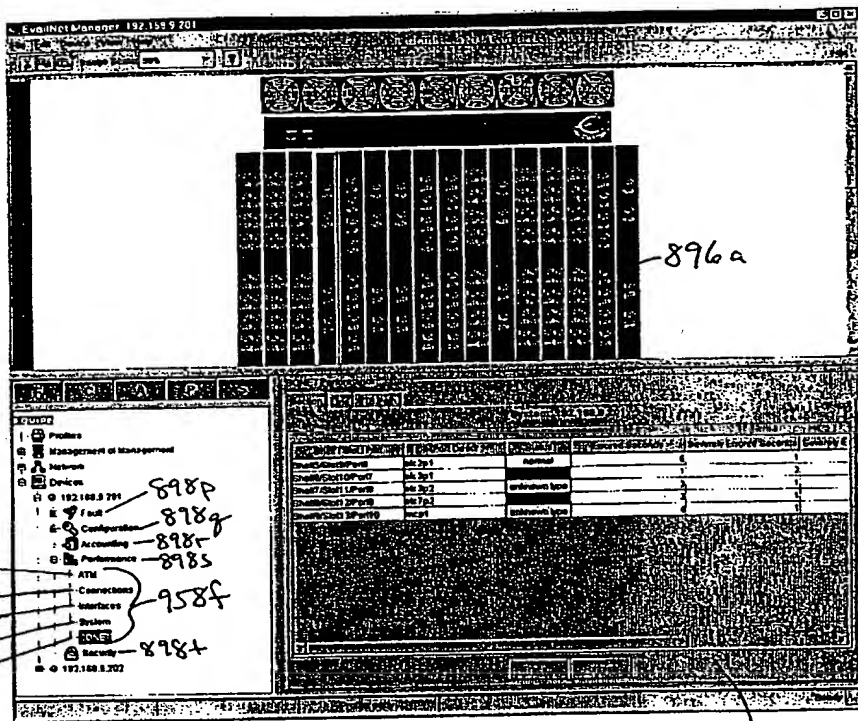


Fig. 6d

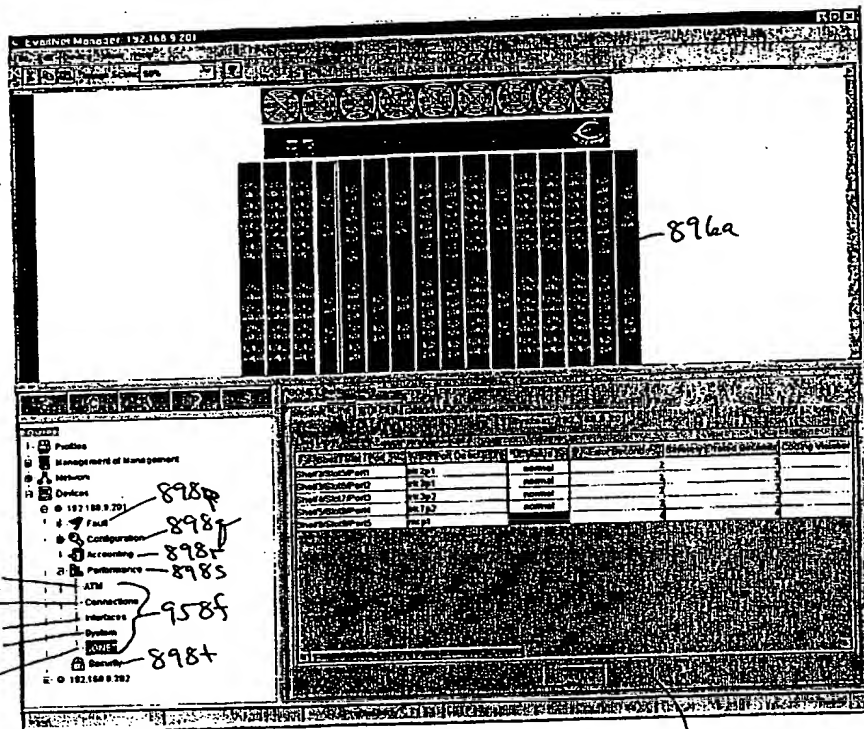
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Fig. 8a

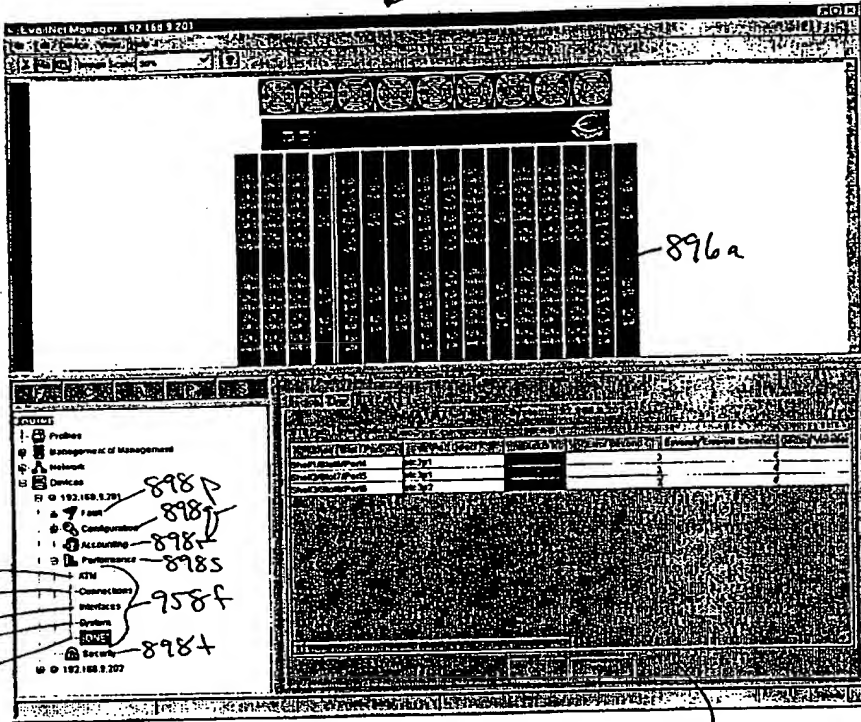
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Fig. 8b

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Fig. 8c

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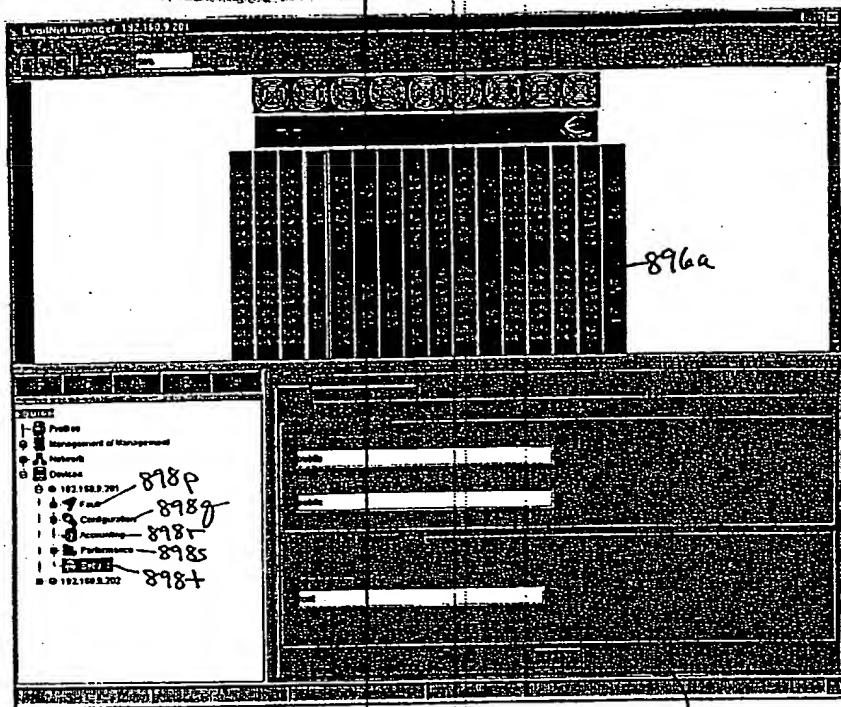


Fig. 8d

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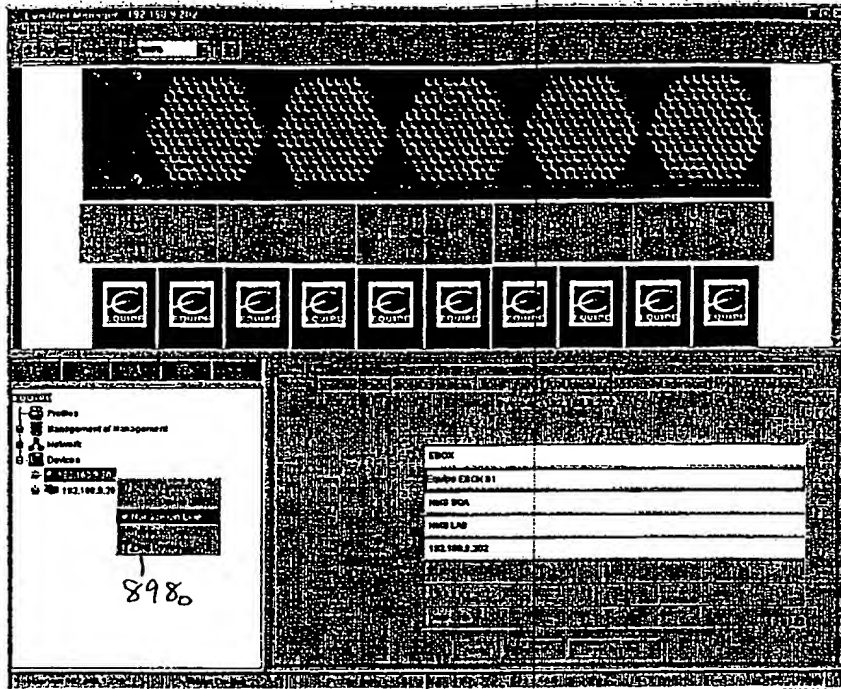


Fig. 6p

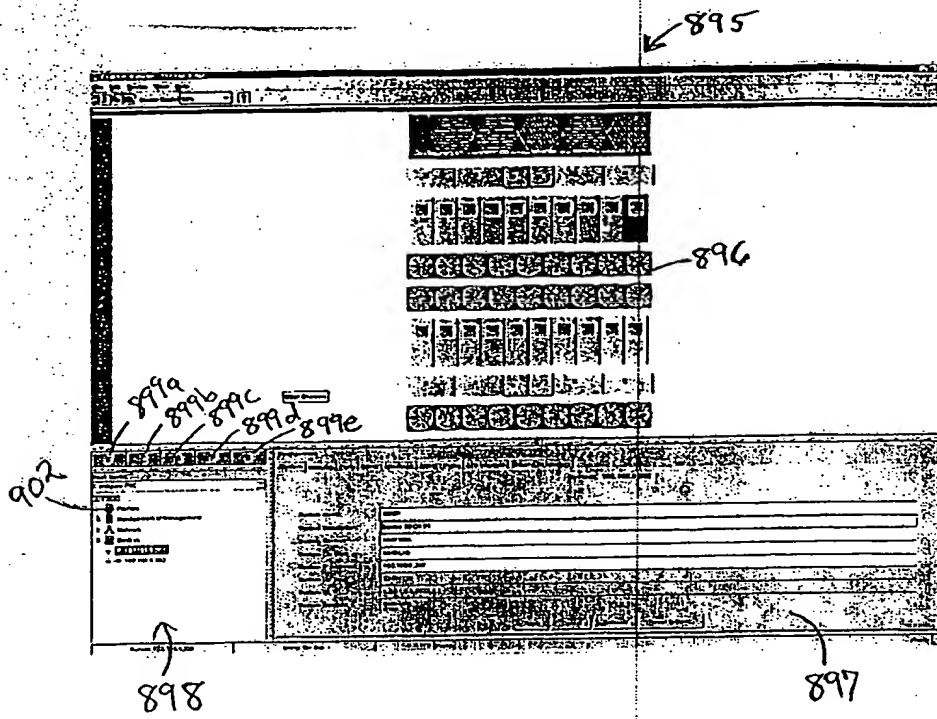


Fig. 7a

EventNet Manager: Fault - Event Summary			
System: 192.168.1.50			
System	Event Name	Event Number	Description
1.1.55.6	Fan OverTemp	44	"Fan marginally functioning"
1.1.55.7	New Board Ins...	75	"New board inserted"

Fig. 7b

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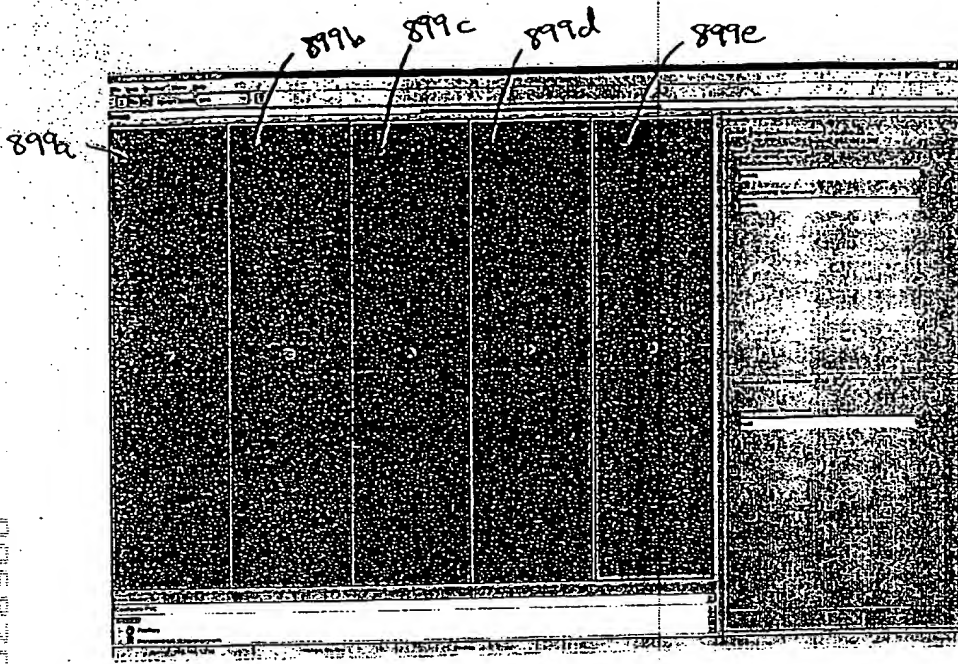
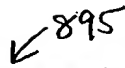


Fig. 7c

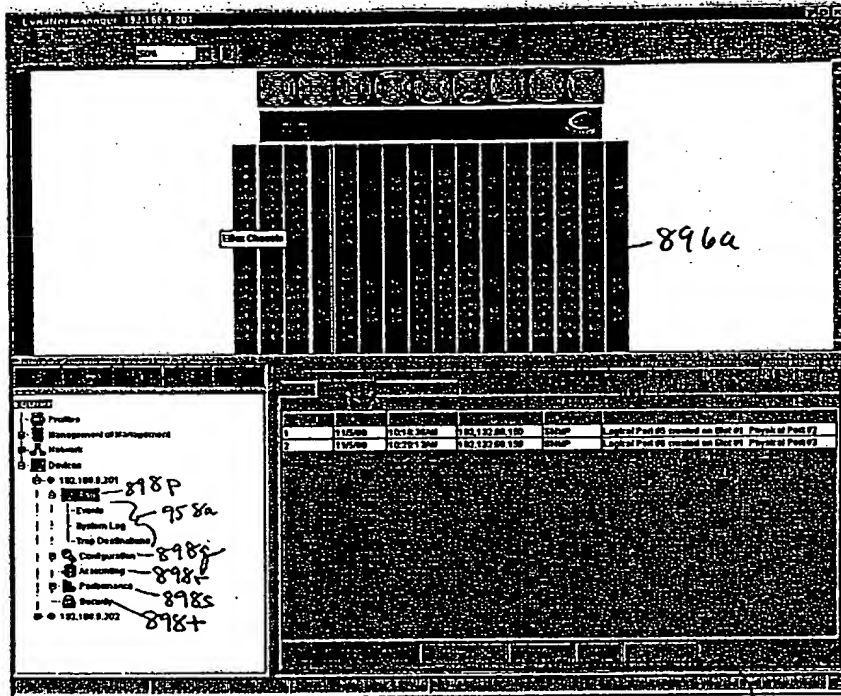


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Fig. 7e

[illegible]



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Fig. 74

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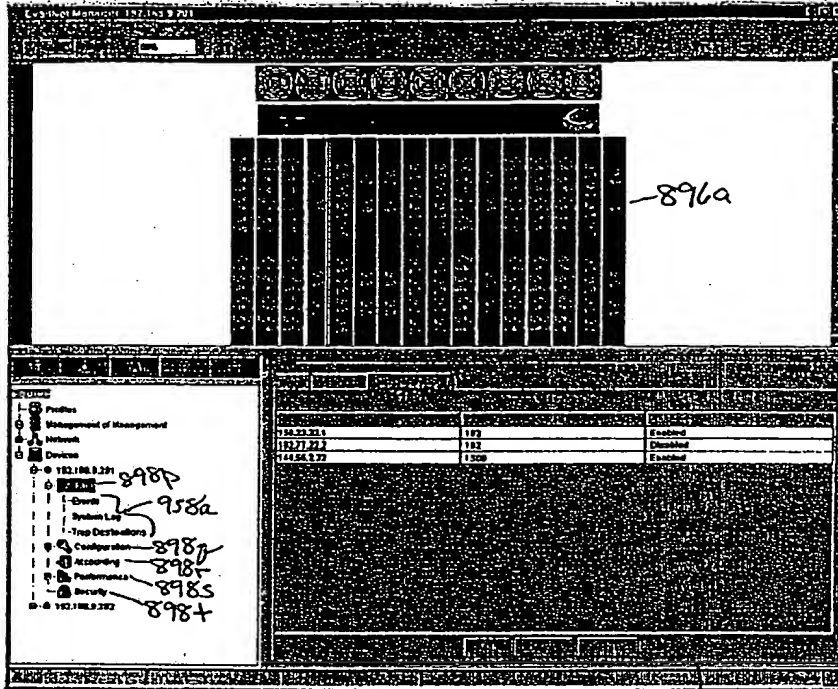
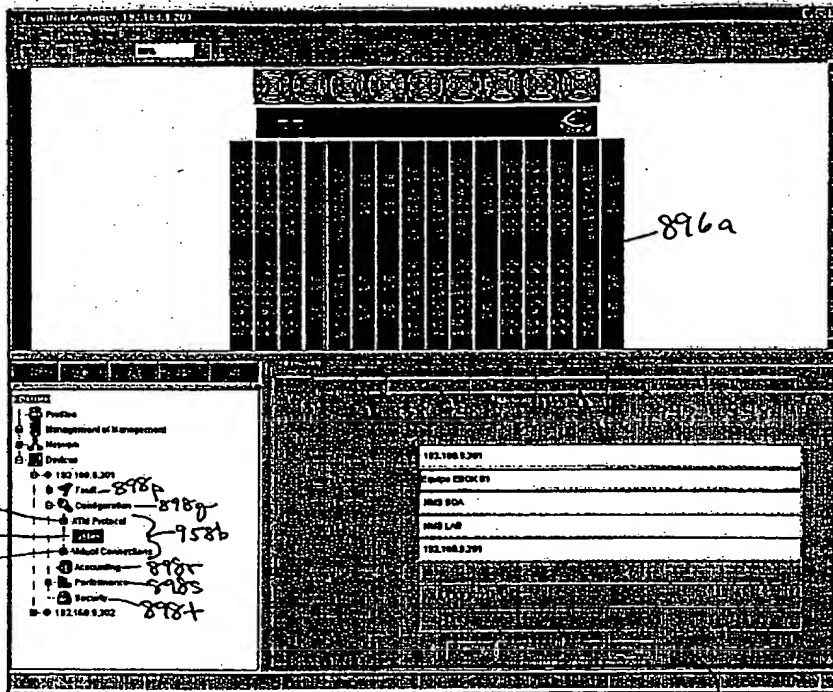


Fig. 7g

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Fig. 7h

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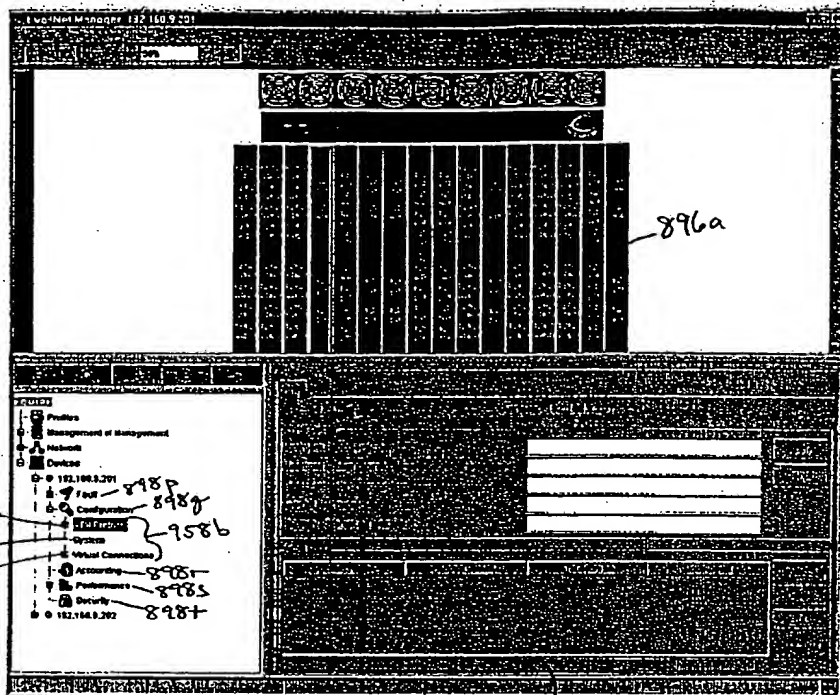
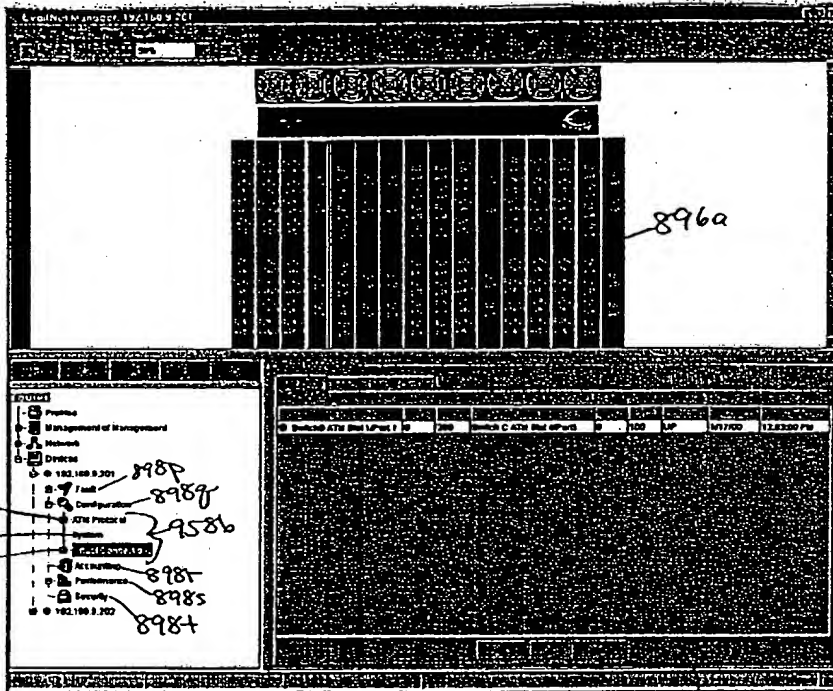


Fig 7i

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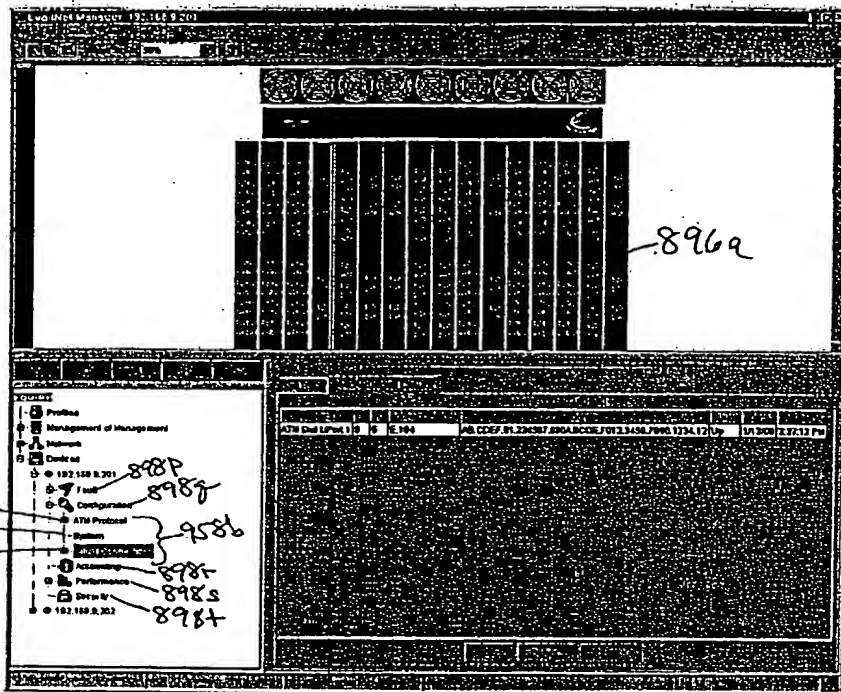


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Fig. 7j

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Fig. 7K

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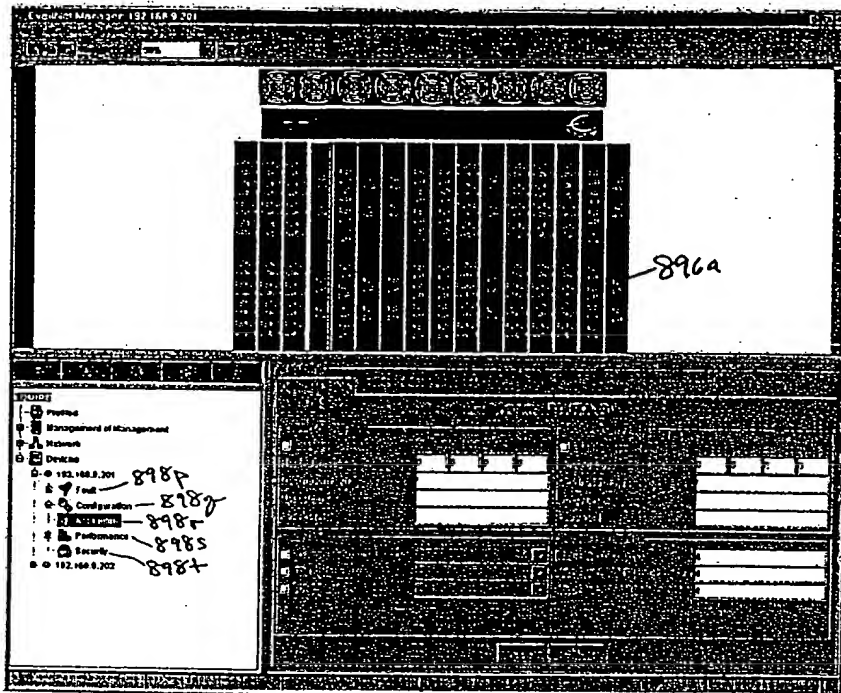


Fig. 7L

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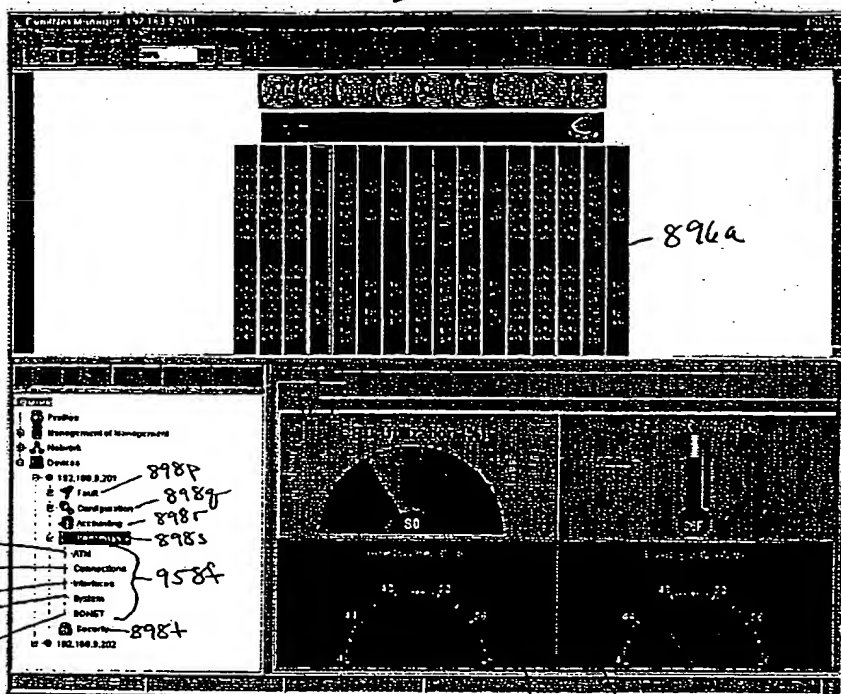
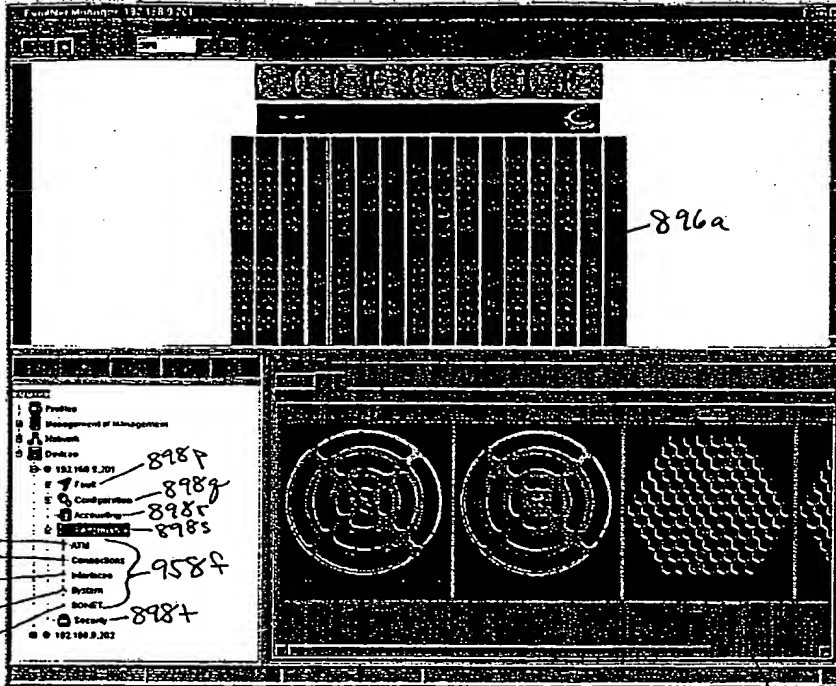


Fig. 7m

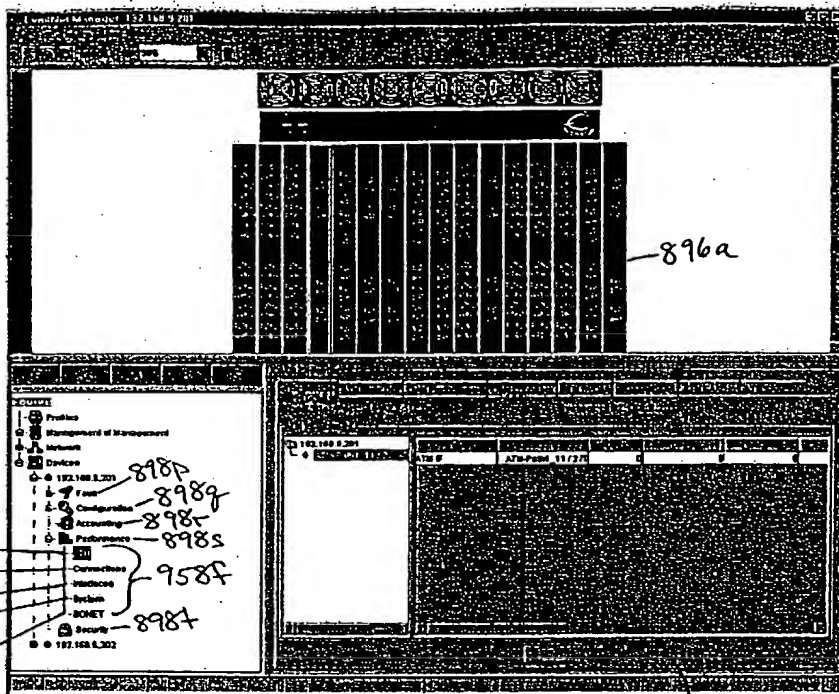
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Fig. 7n

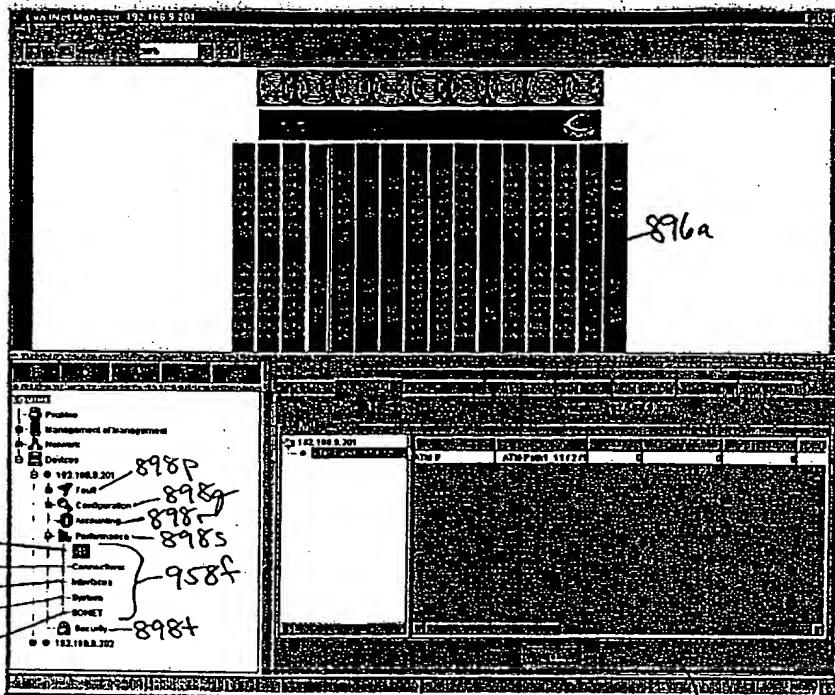
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Fig. 70

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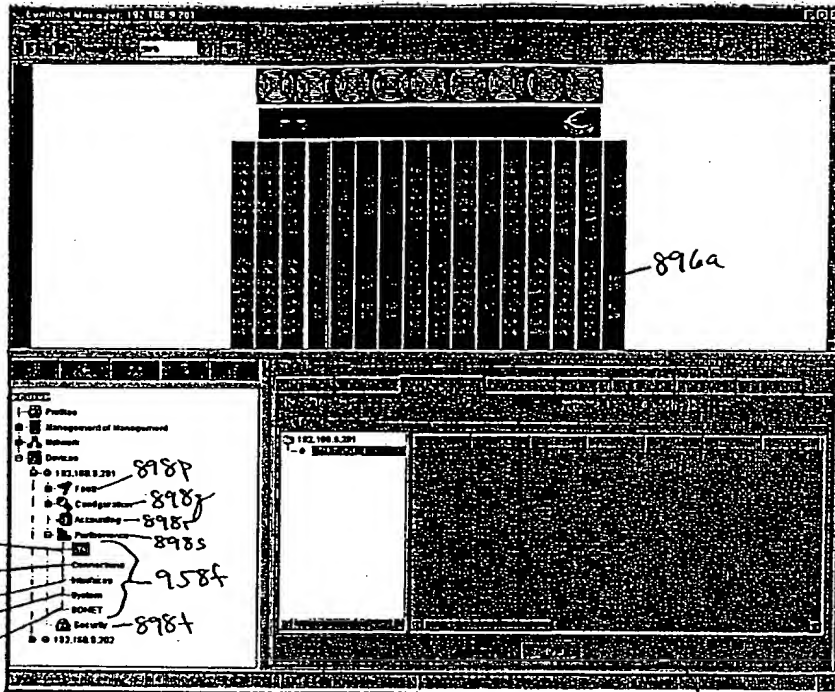


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Fig. 7p

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Fig. 7g

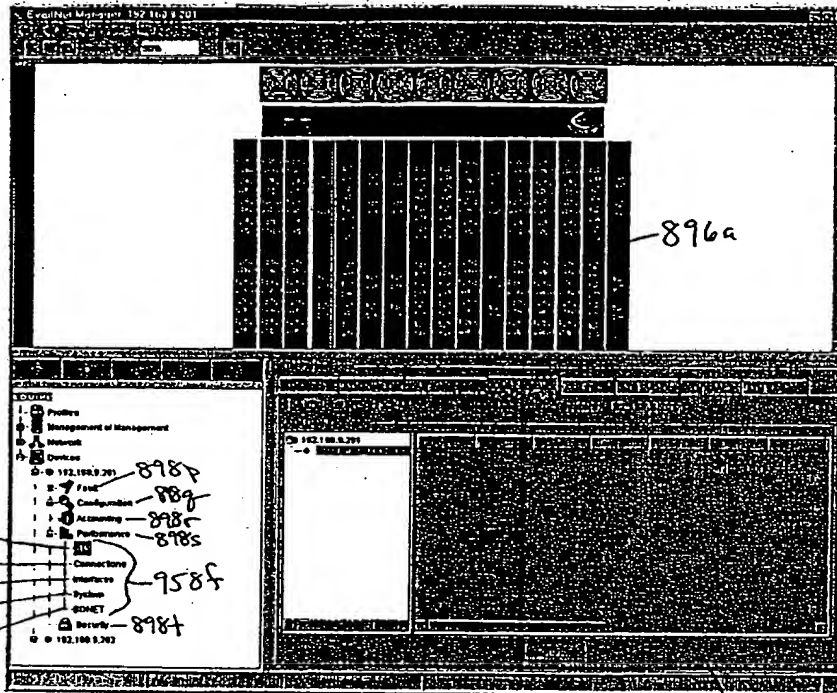
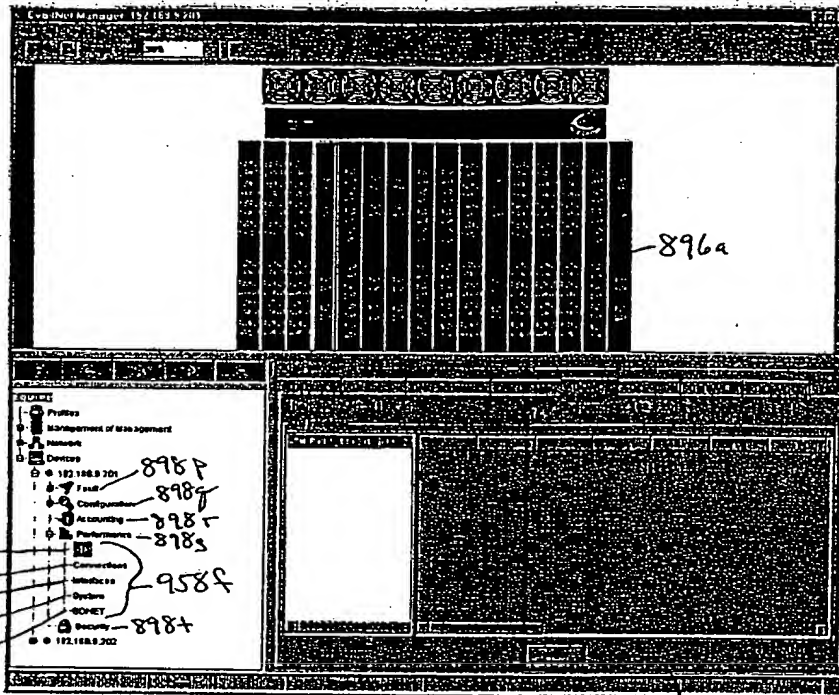
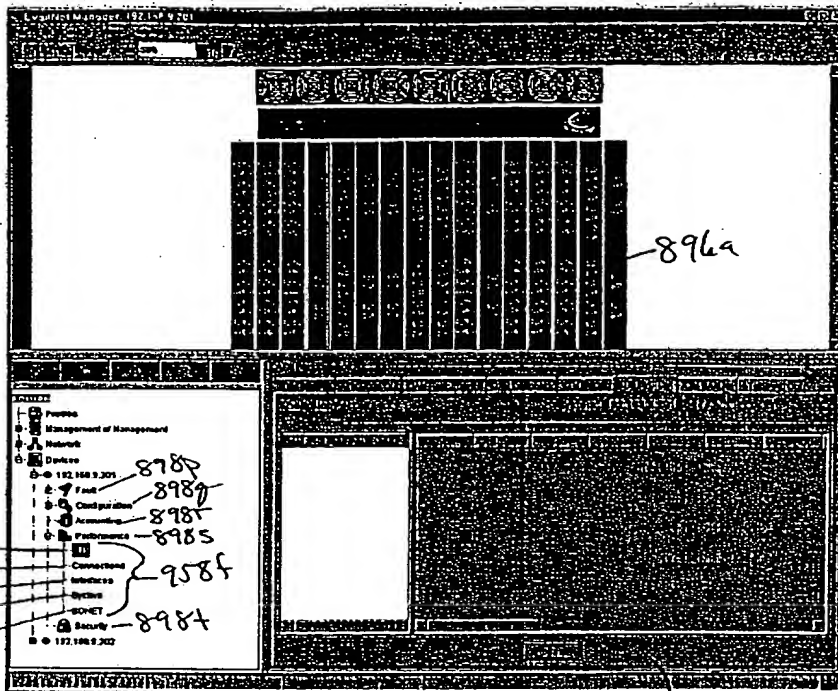


Fig. 7r



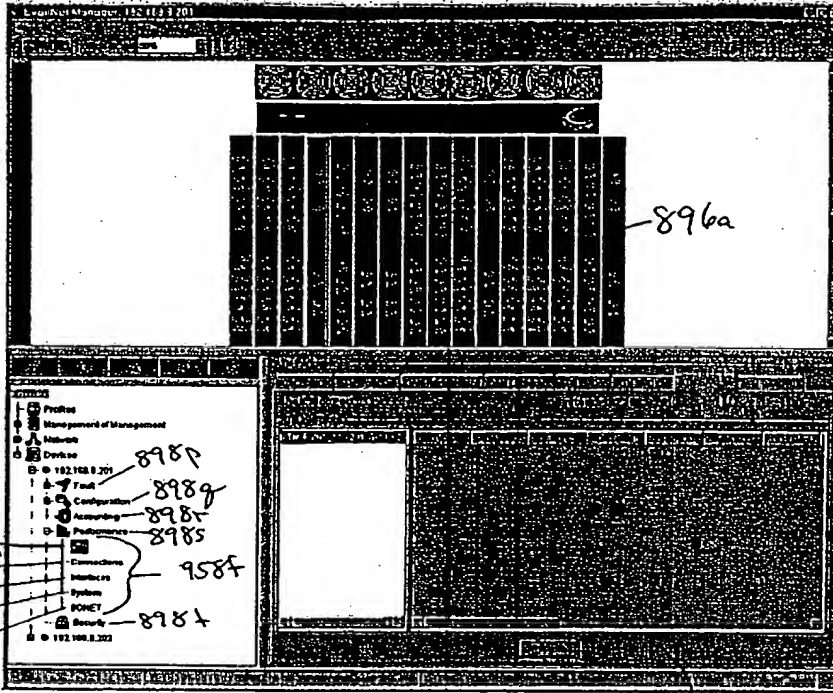
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Fig. 7+

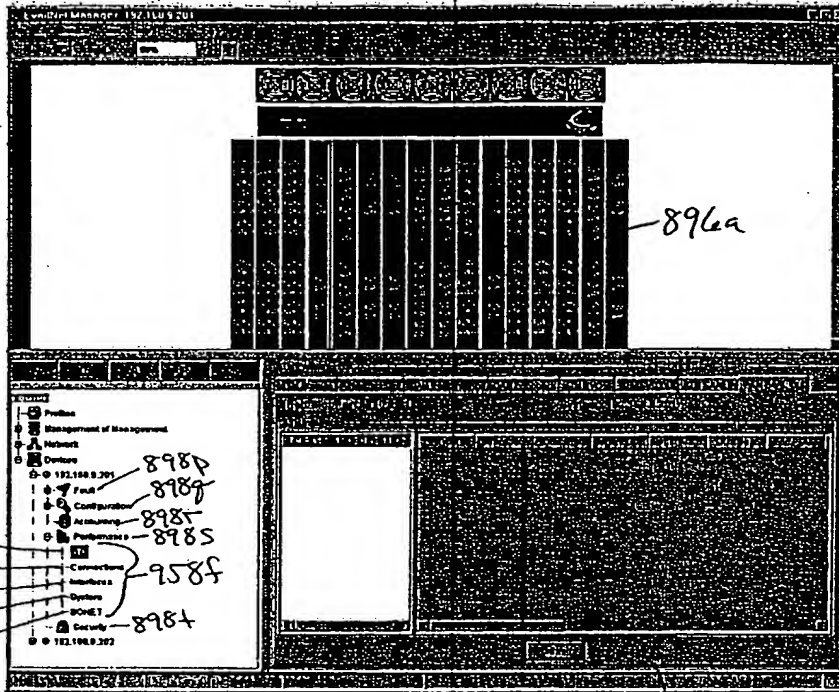
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Fig. 7u

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Fig. 7v

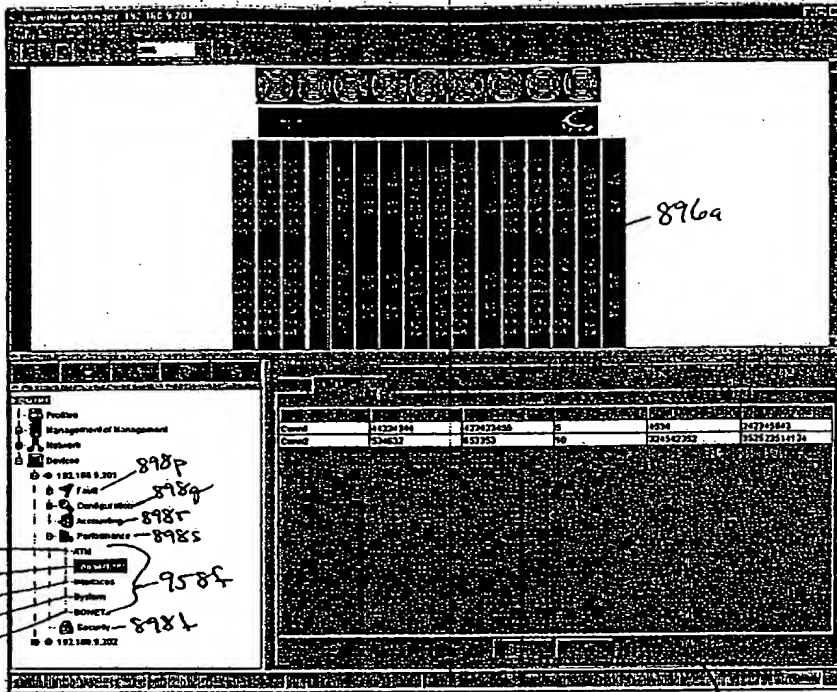
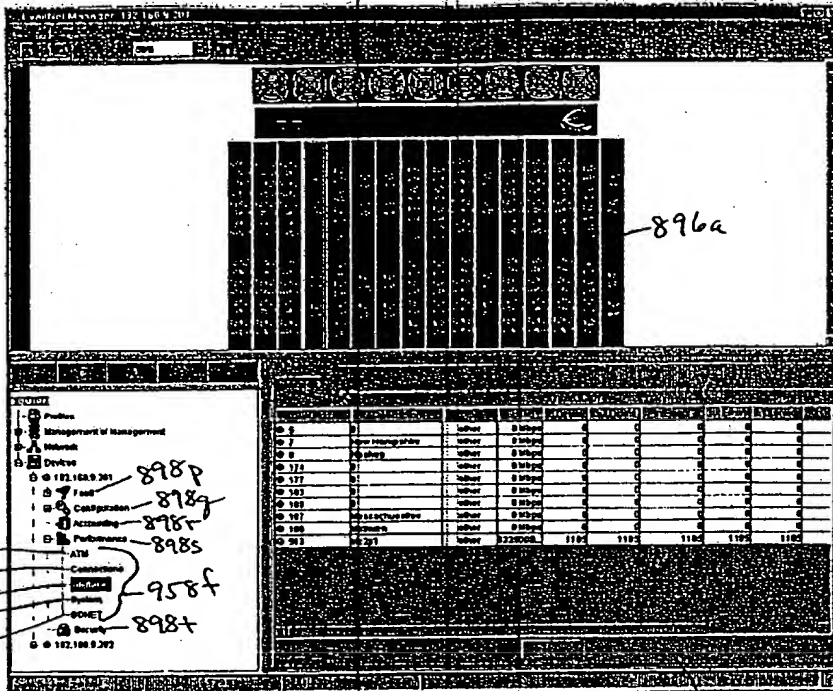


Fig. 7w

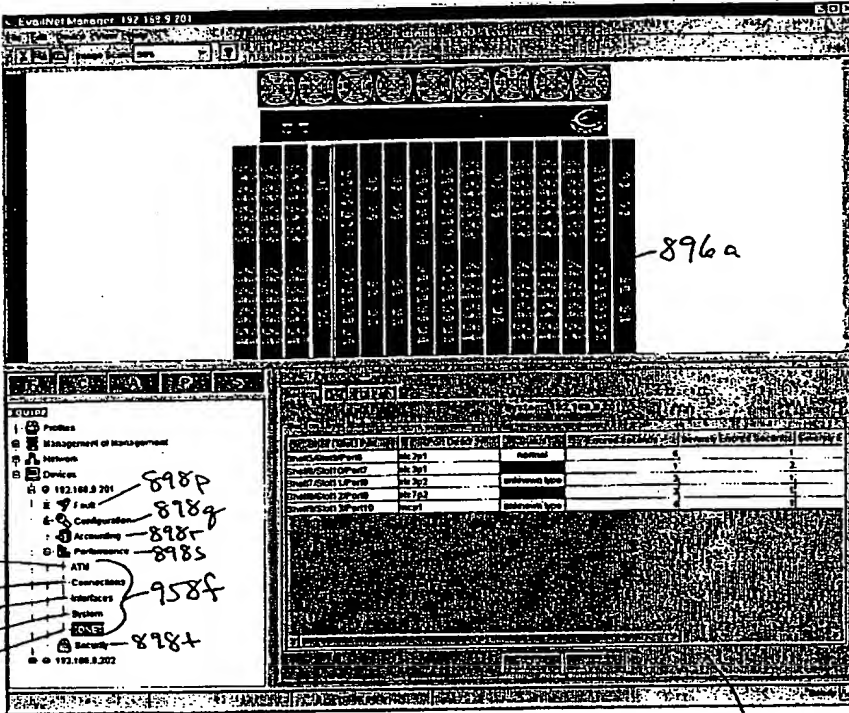
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898P
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Fig. 7y

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Fig. 8a

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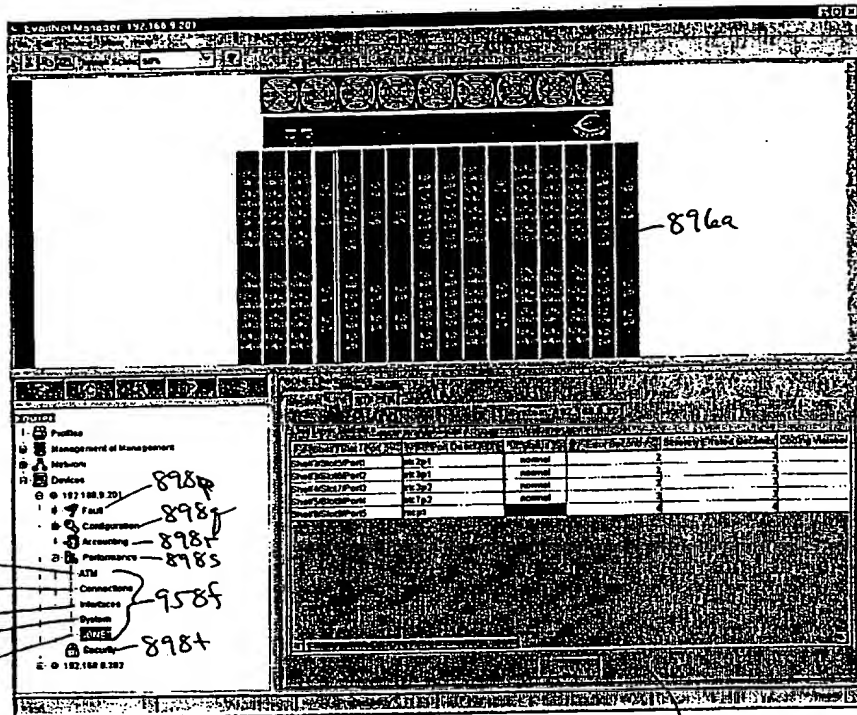
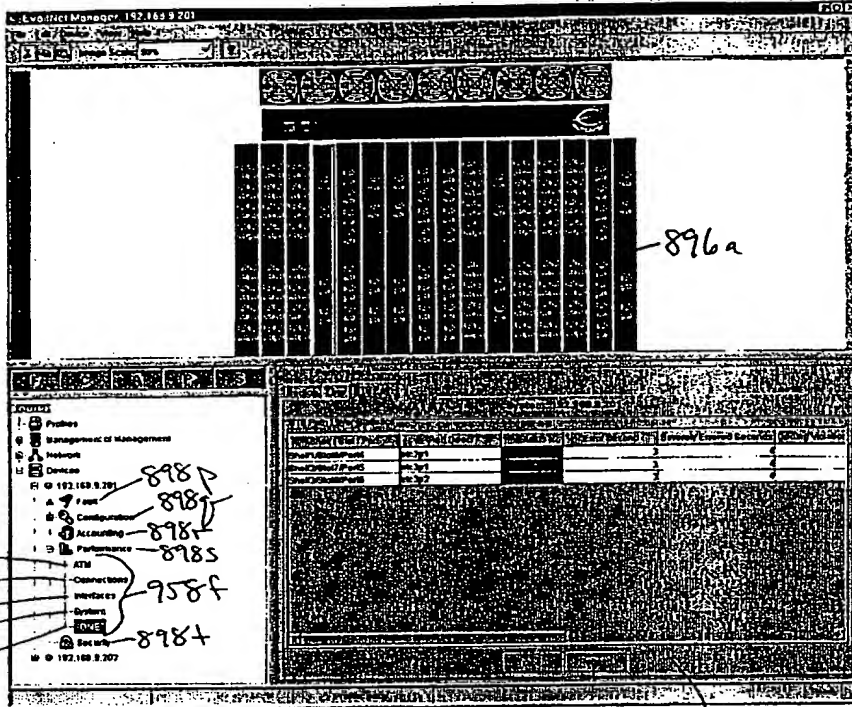


Fig. 8b

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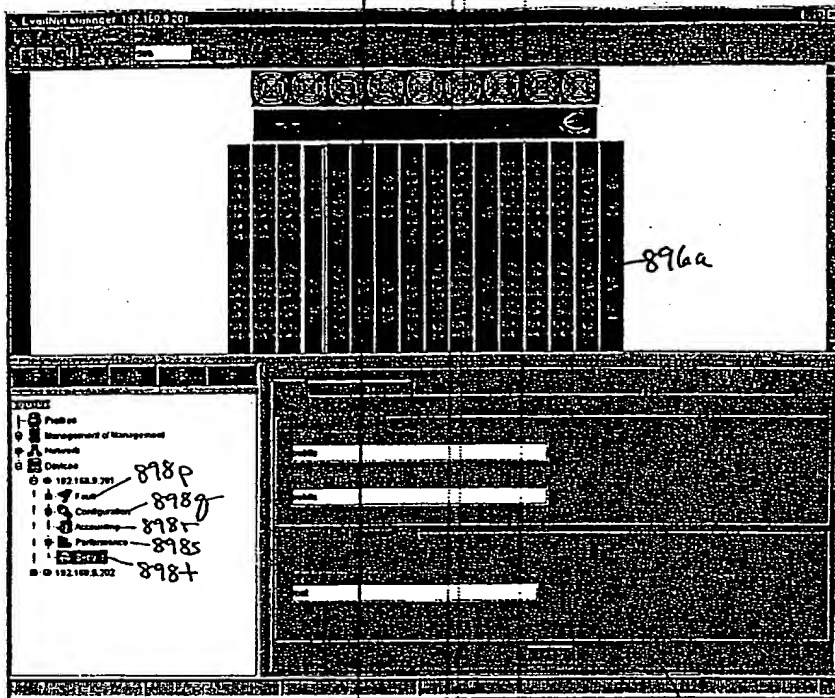


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Fig. 8c

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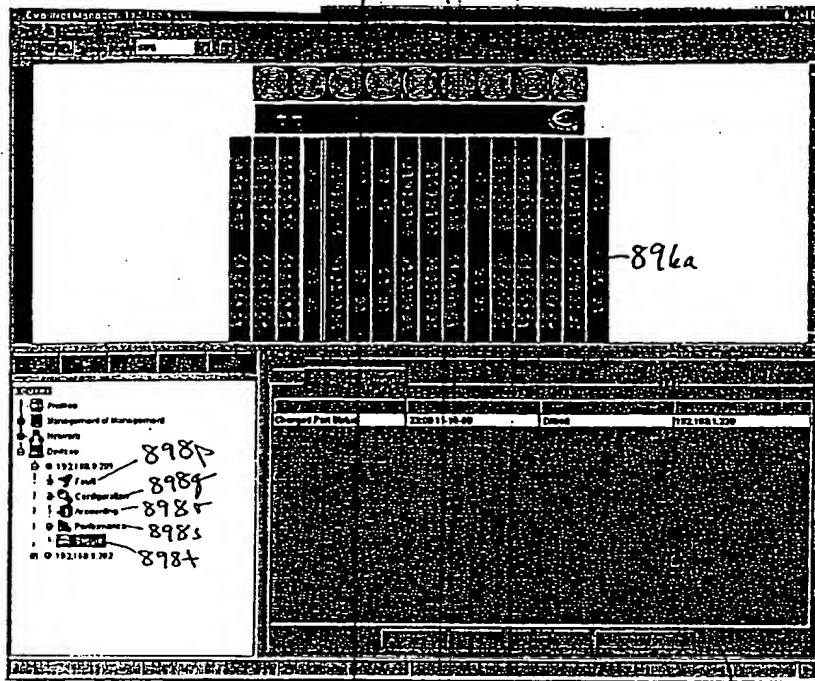


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Fig 8d

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Fig. 8e

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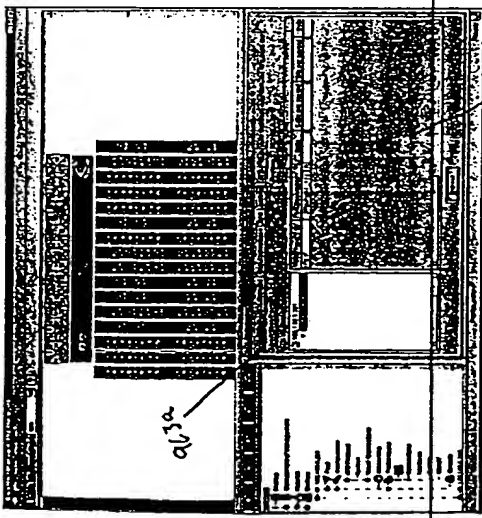
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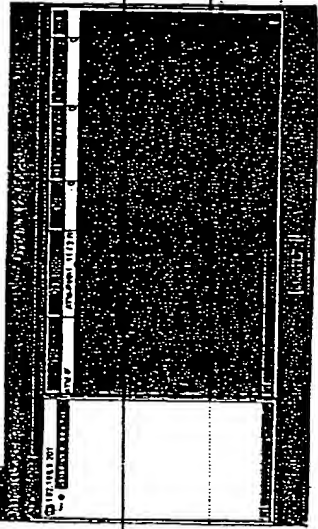
985

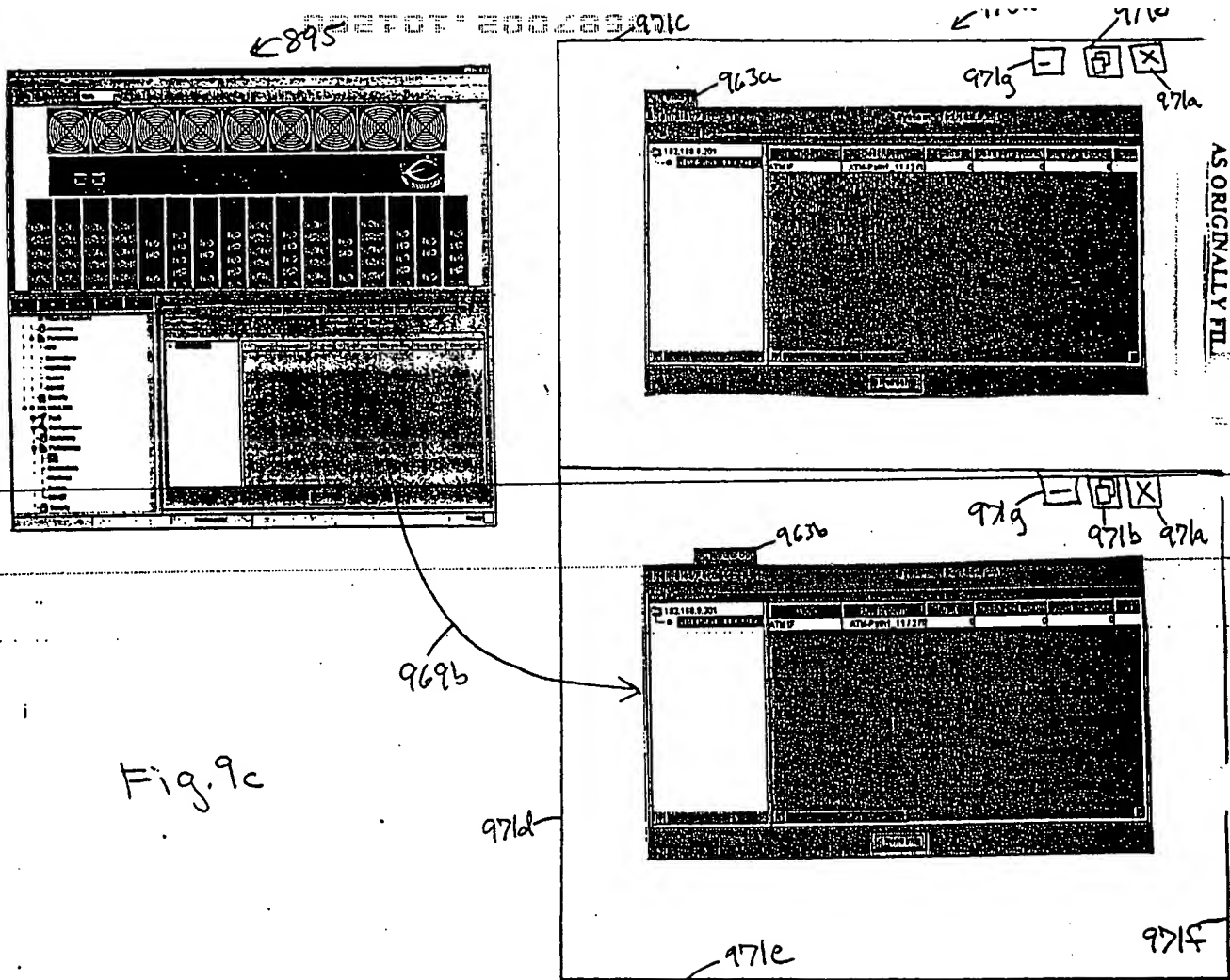


96a

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Fig. 96





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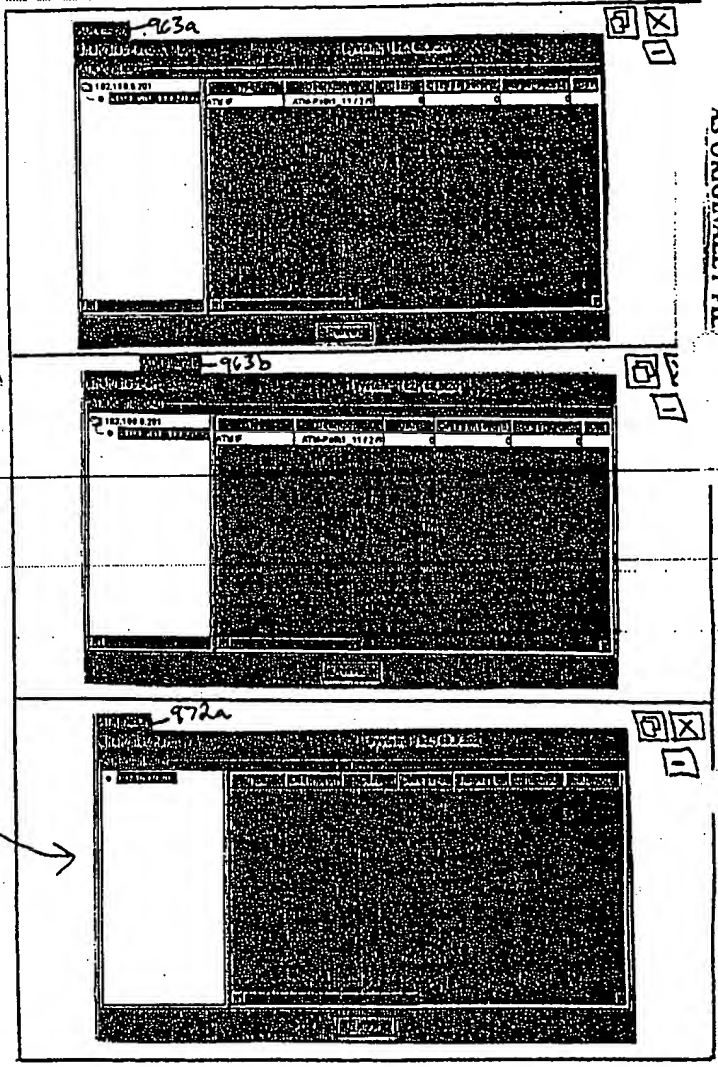
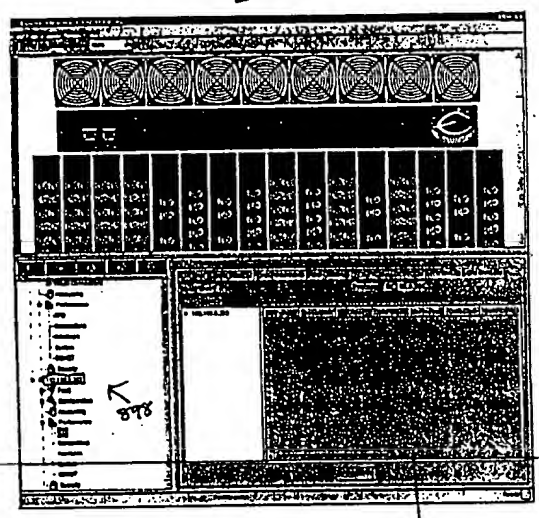


Fig. 9d

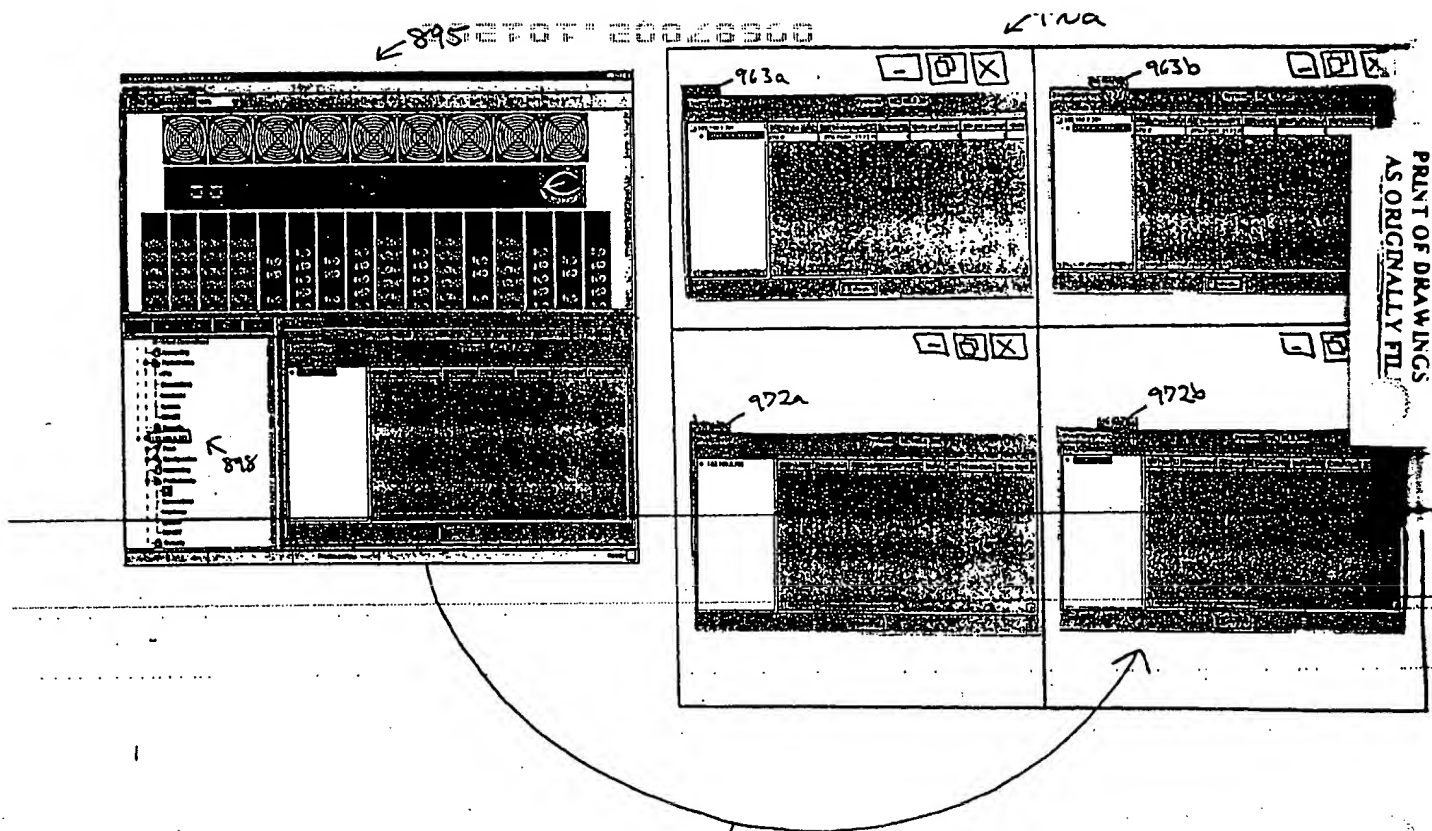


Fig. 9e

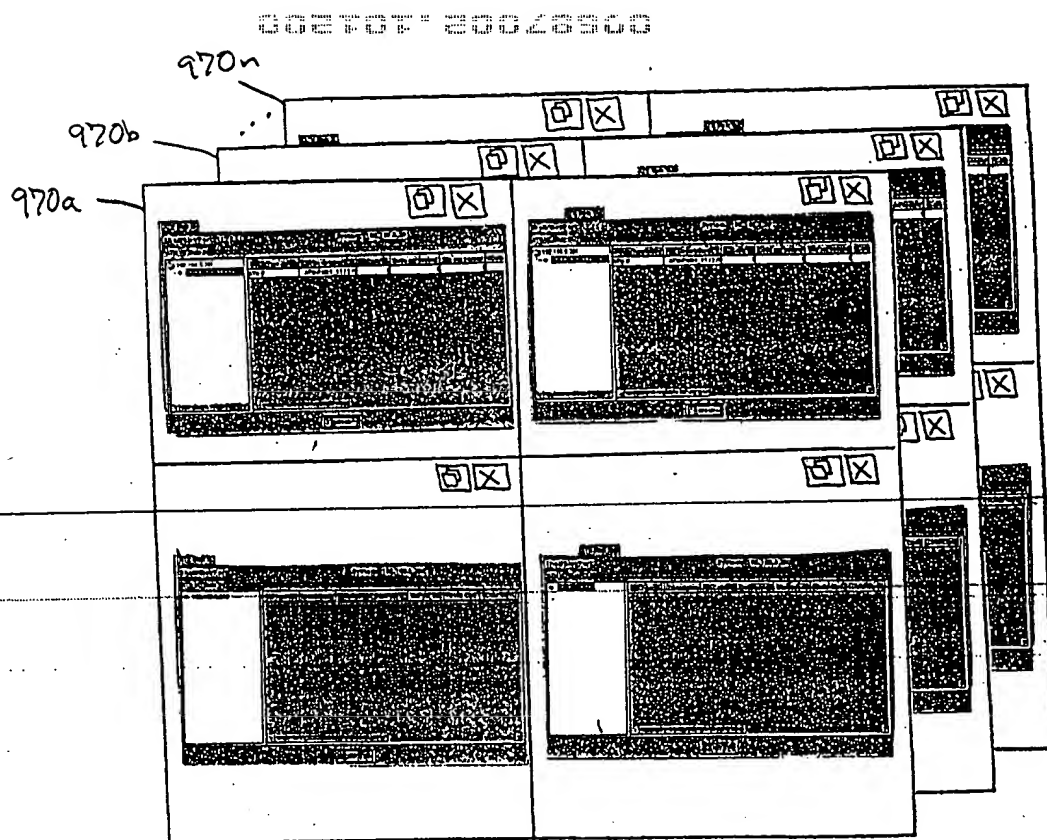


Fig. 9f

002F0F 20028360

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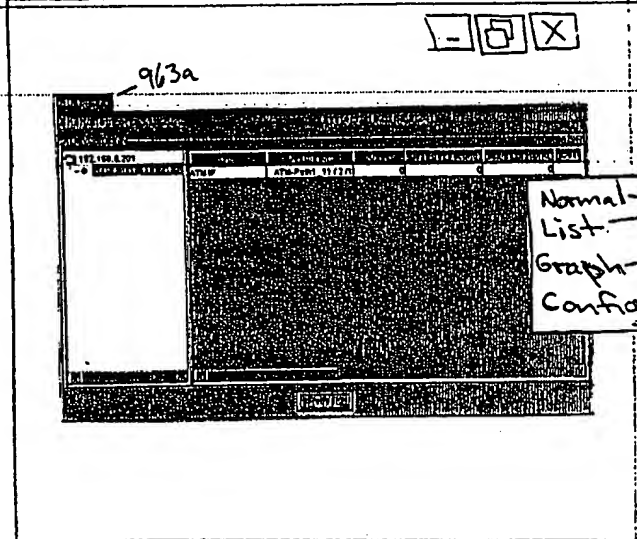
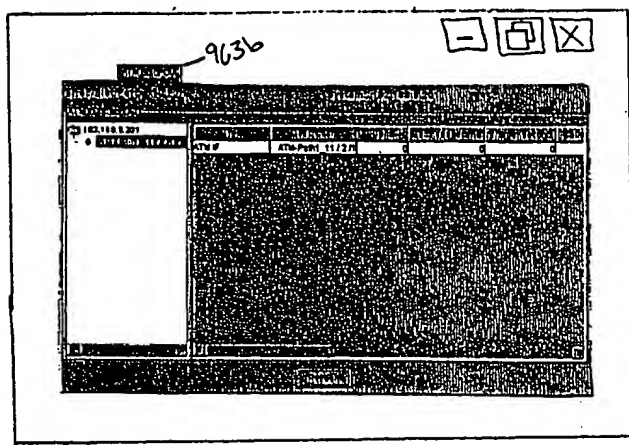


Fig. 9g

00270F 20020000 970a

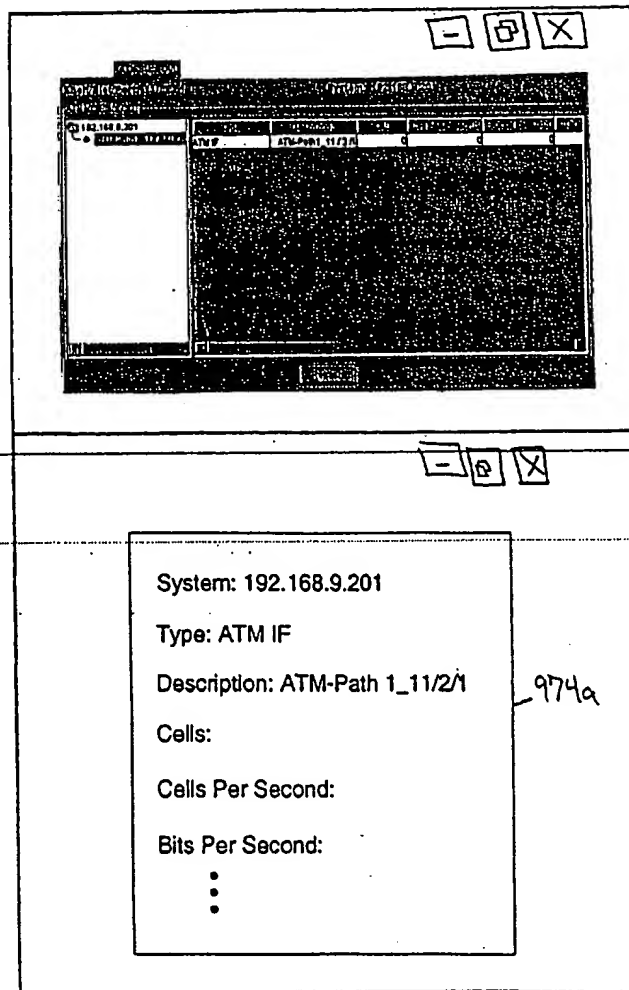


Fig. 9h

974a

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← 110a

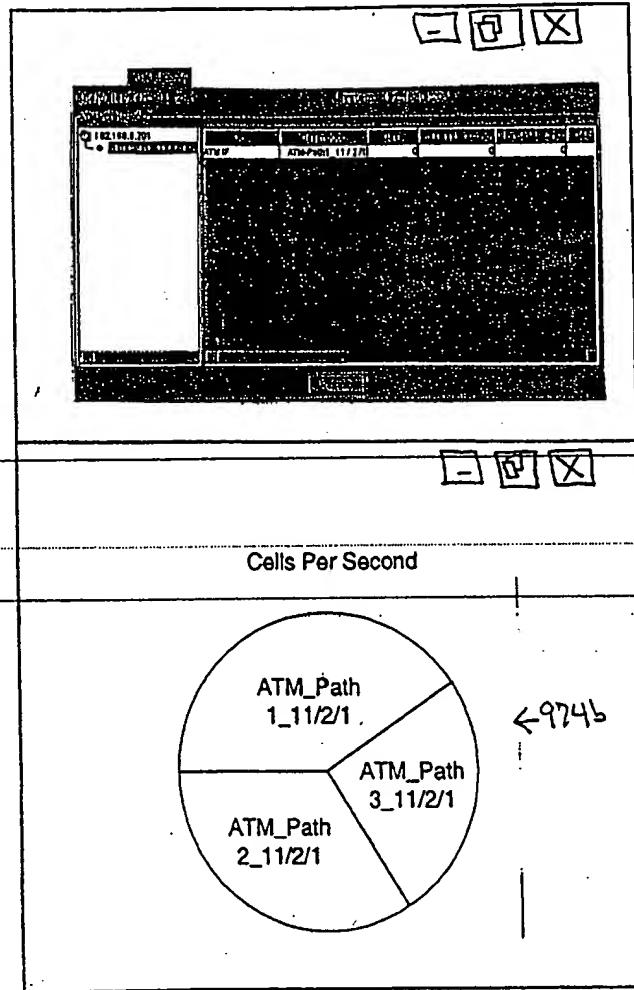
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Fig. 9i



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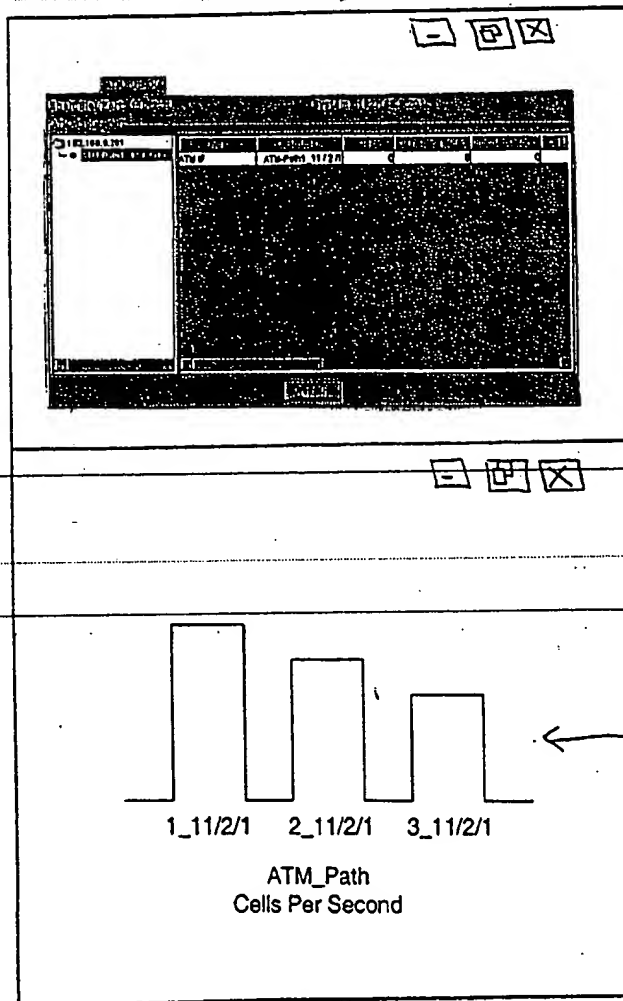
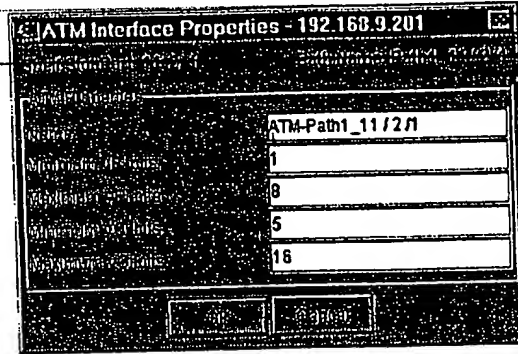
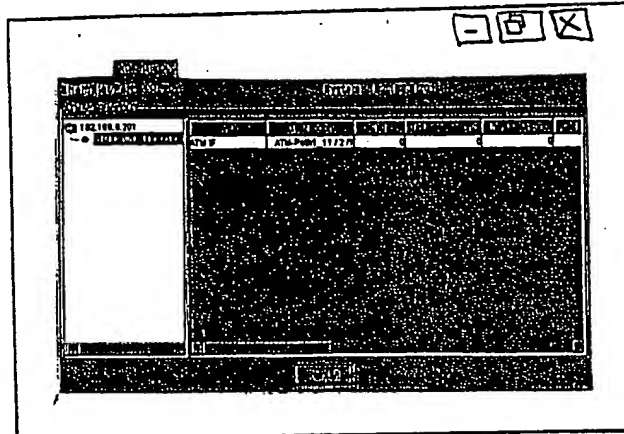


Fig. 9j

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Fig. 9K

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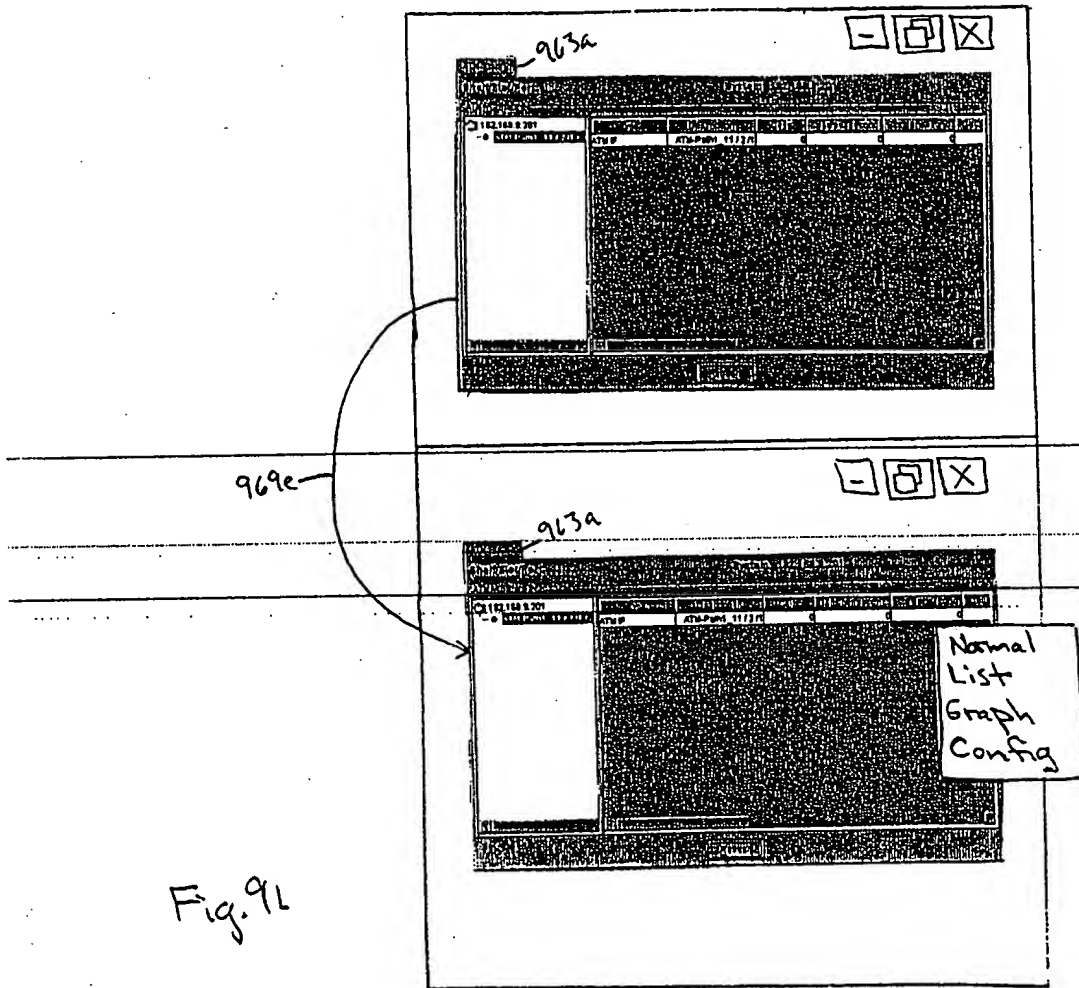


Fig. 91

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System: 192.168.9.201

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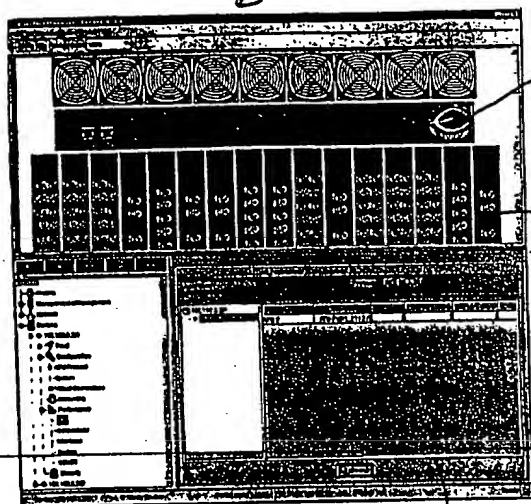
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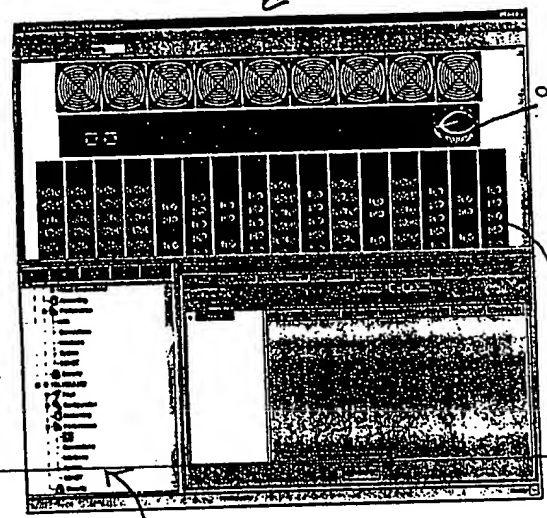
Fig. 9m



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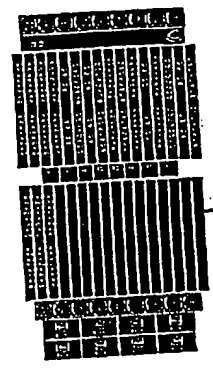
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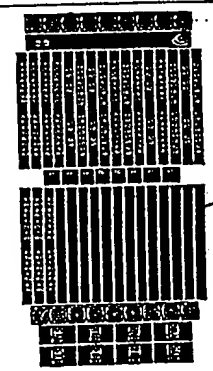
898

System:
192.168.9.201



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System:
192.168.9.202



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Fig. 9n

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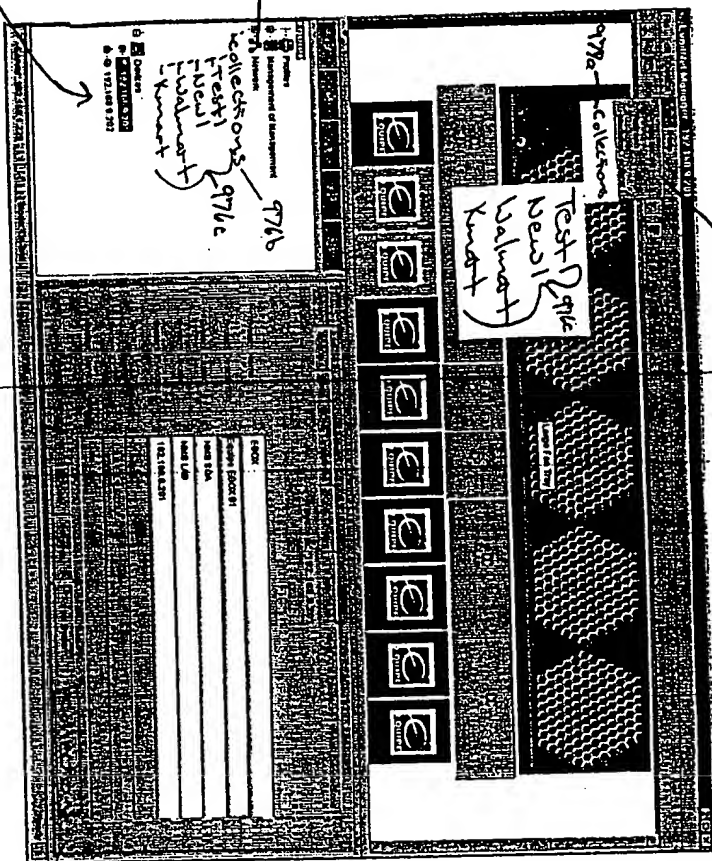


Fig. 10a

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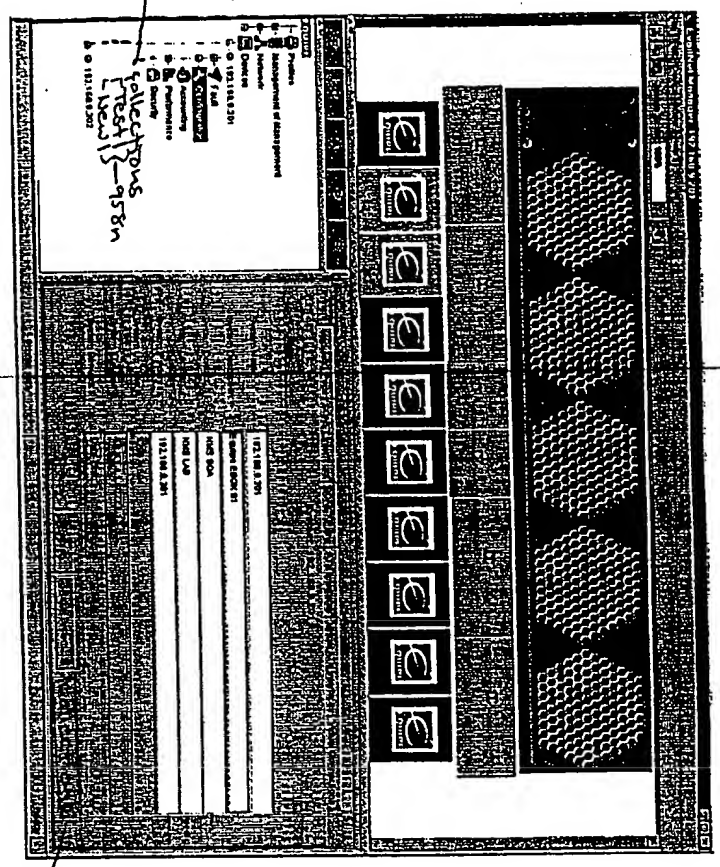


Fig. 106

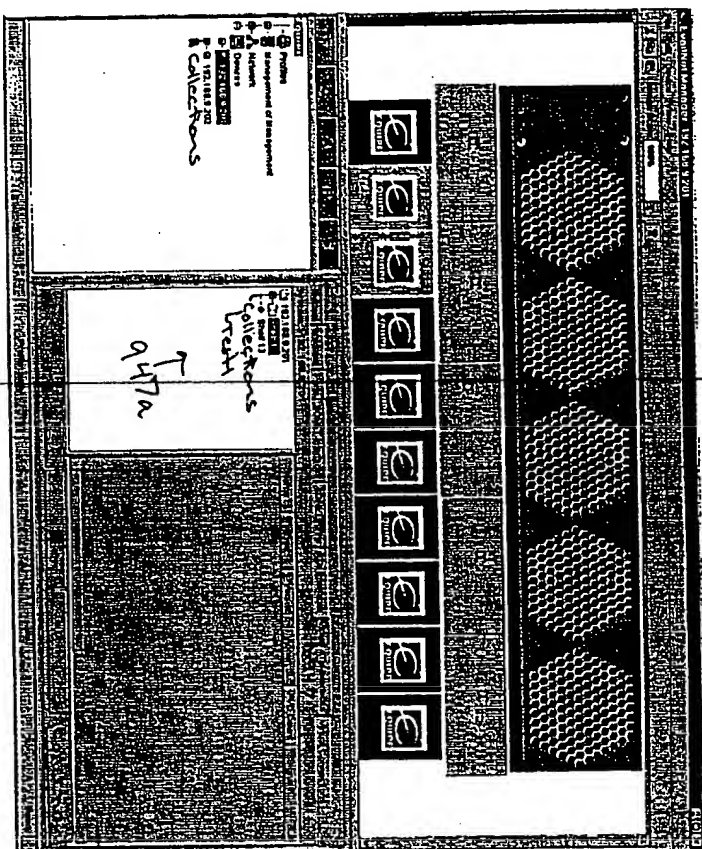


Fig. 10c

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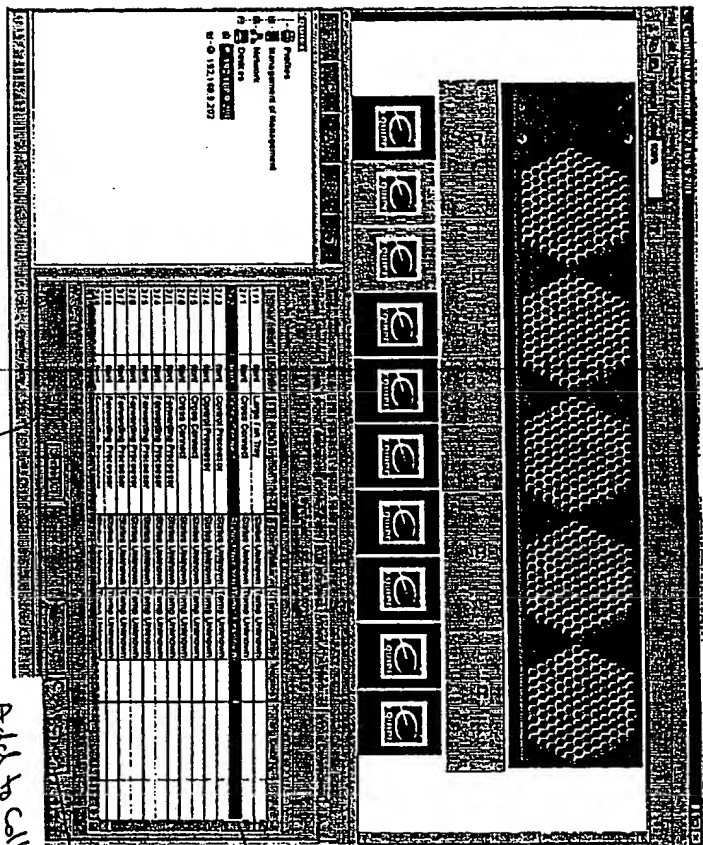


Fig. 10d

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Add to Collection
New Collection

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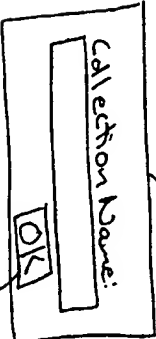


Fig. 10c 979e

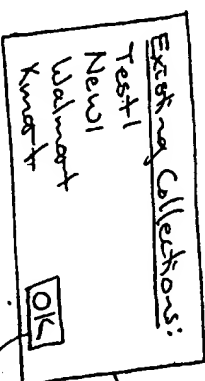


Fig. 10e

979g

979f

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General

Username: Kevin

Description: Kevin Snow user account

Group Name: Equip

Group Level Access: Equip

Password: *****

Confirm Password: *****

Policies

☒ User Cannot Change Password

☒ Account Disabled

☒ User Can Add Devices

User Session Timeout: 15 minutes

Primary Server: 192.168.1.220

Secondary Server: 6500

Primary Port: 192.168.1.221

Secondary Port: 6503

Device	IP	MAC	Model	Manufacturer	Serial	Port
192.168.9.202	public	equipe	3	5		
192.168.9.205	public	equipe	3	5		
192.168.9.216	public	equipe	3	5		

OK Cancel

Fig. 11b

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908pz
908qa
908qb
908qc
908qd
908qe
908qf
908qg
908qh
908qi
908qj
908qk
908ql
908qm
908qn
908qo
908qp
908qq
908qr
908qs
908qt
908qu
908qv
908qw
908qx
908qy
908qz
908ra
908rb
908rc
908rd
908re
908rf
908rg
908rh
908ri
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908rl
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908rw
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908ry
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908sc
908sd
908se
908sf
908sg
908sh
908si
908sj
908sk
908sl
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908sp
908sq
908sr
908ss
908st
908su
908sv
908sw
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908sy
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908td
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908tg
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908xm
908xn
908xo
908xp
908xq
908xr
908xs
908xt
908xu
908xv
908xw
908xx
908xy
908xz
908ya
908yb
908yc
908yd
908ye
908yf
908yg
908yh
908yi
908yj
908yk
908yl
908ym
908yn
908yo
908yp
908yq
908yr
908ys
908yt
908yu
908yv
908yw
908yx
908yy
908yz
908za
908zb
908zc
908zd
908ze
908zf
908zg
908zh
908zi
908zj
908zk
908zl
908zm
908zn
908zo
908zp
908zq
908zr
908zs
908zt
908zu
908zv
908zw
908zx
908zy
908zz

Fig. 11c

General Properties Server's Devices

Primary Server:

Primary Server Port:

Secondary Server:

Secondary Server Port:

192.168.1.220

6500

192.168.1.205

6503

OK Cancel

General Properties Server's Devices

Primary Server:

Primary Server Port:

Secondary Server:

Secondary Server Port:

Device	IP Address	Port	Device	IP Address	Port
192.168.8.202	public	equipe	3	5	162
192.168.9.205	public	equipe	3	5	162
192.168.9.216	public	equipe	3	5	5012

OK Cancel

Fig. 11f

02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

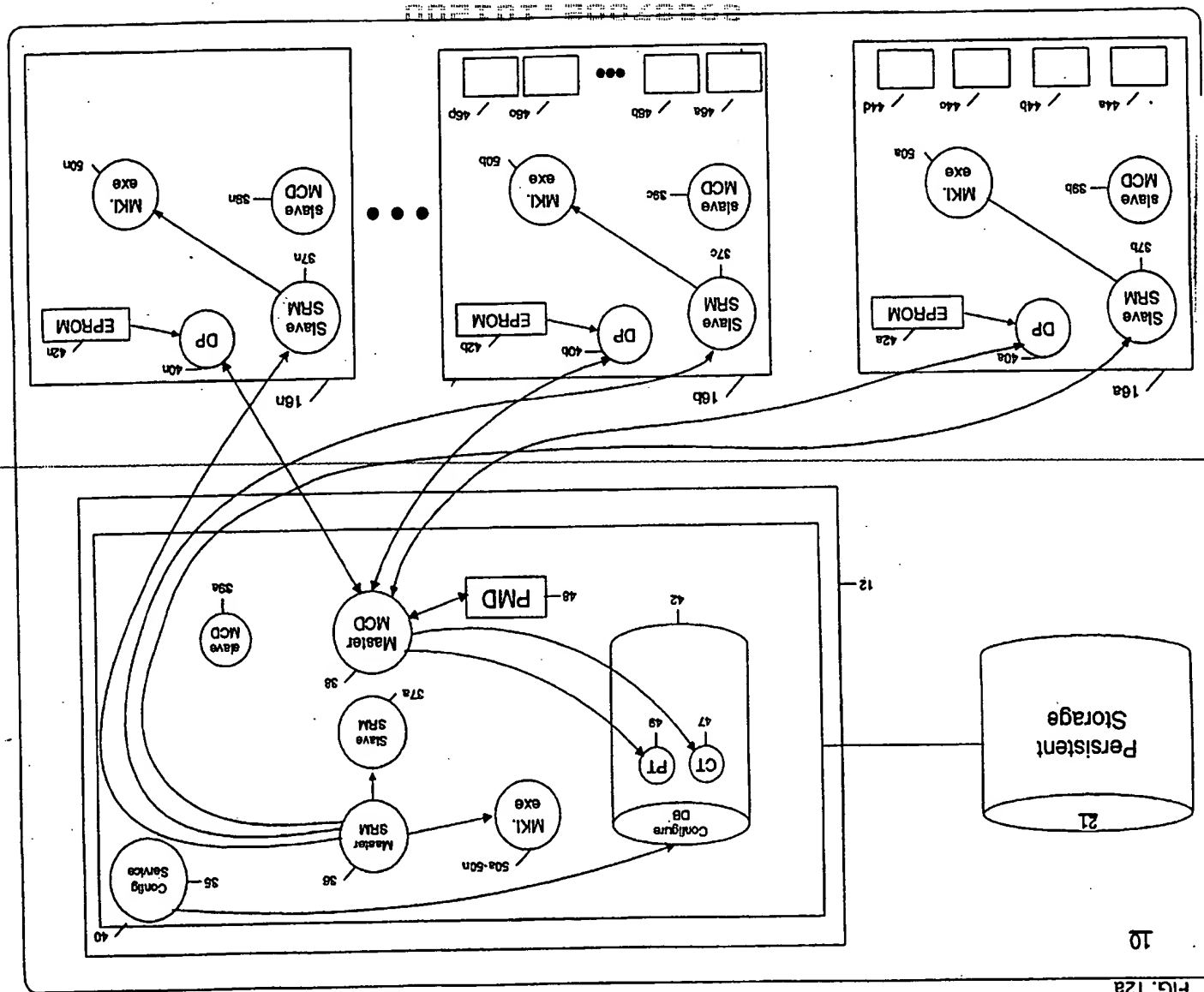


FIG. 12b

...	513	0XF002	1	12	...
...	505	0X6002	1	5	...
...	501	0XF002	4	2	...
...	500	0XF002	3	1	...
PID	CWD TYPE	VERSION NO.	SLOT NO.	...	...

47

CARD TABLE

FIG. 12c

...	1600	00620	...	...	...
...	1504	00820	...	...	...
...	1503	00620	...	...	...
...	1502	00620	...	...	...
...	1501	00620	...	...	...
...	1500	00620	...	...	...

46a
44a
44d
44c
44b
44a

PID	PORT TYPE	VERSION NO.	SLOT NO.
...

49

PORT TABLE

00607002 404200

002707-20020900

Fig. 13d

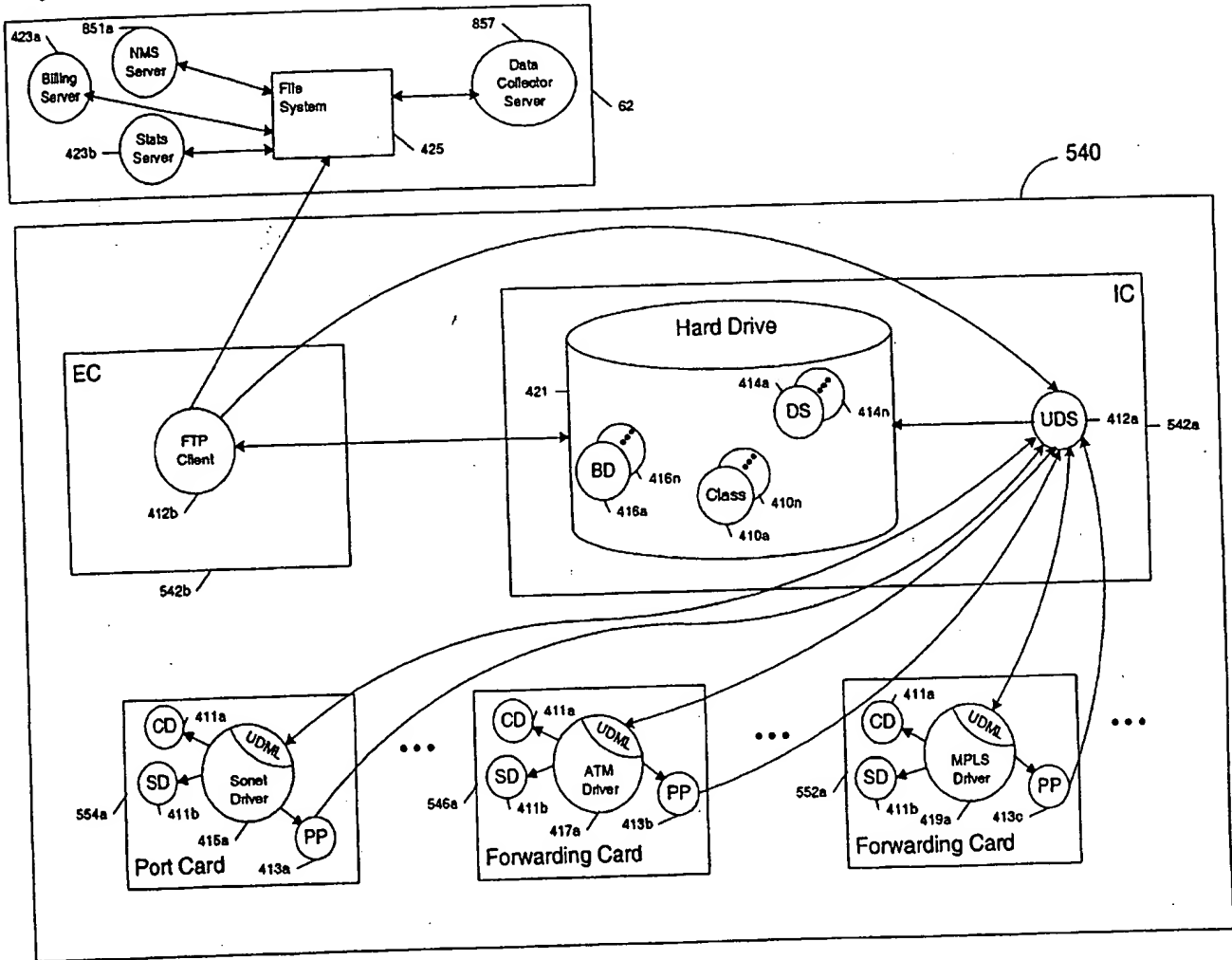


FIG. 14a

Service Endpoint Table 76

Service Endpoint #	Port PID
1	1500
2	1501
3	1501
4	1501
5	1502
6	1502
7	1503
8	1503
9	1503
10	1502
...	...

FIG. 14b

Logical to Physical Card Table 100

LID	Primary PID	Back-up PID
30	500	513
31	501	513
...

FIG. 14c

Logical to Physical Port Table 101

LID	Primary PID	Back-up PID
40	1500	1600
...

FIG. 14d

ATM Group Table 108

Group #	Card LID	...
1	30	
2	30	
3	30	
4	30	

FIG. 14e

ATM Interface Table 114

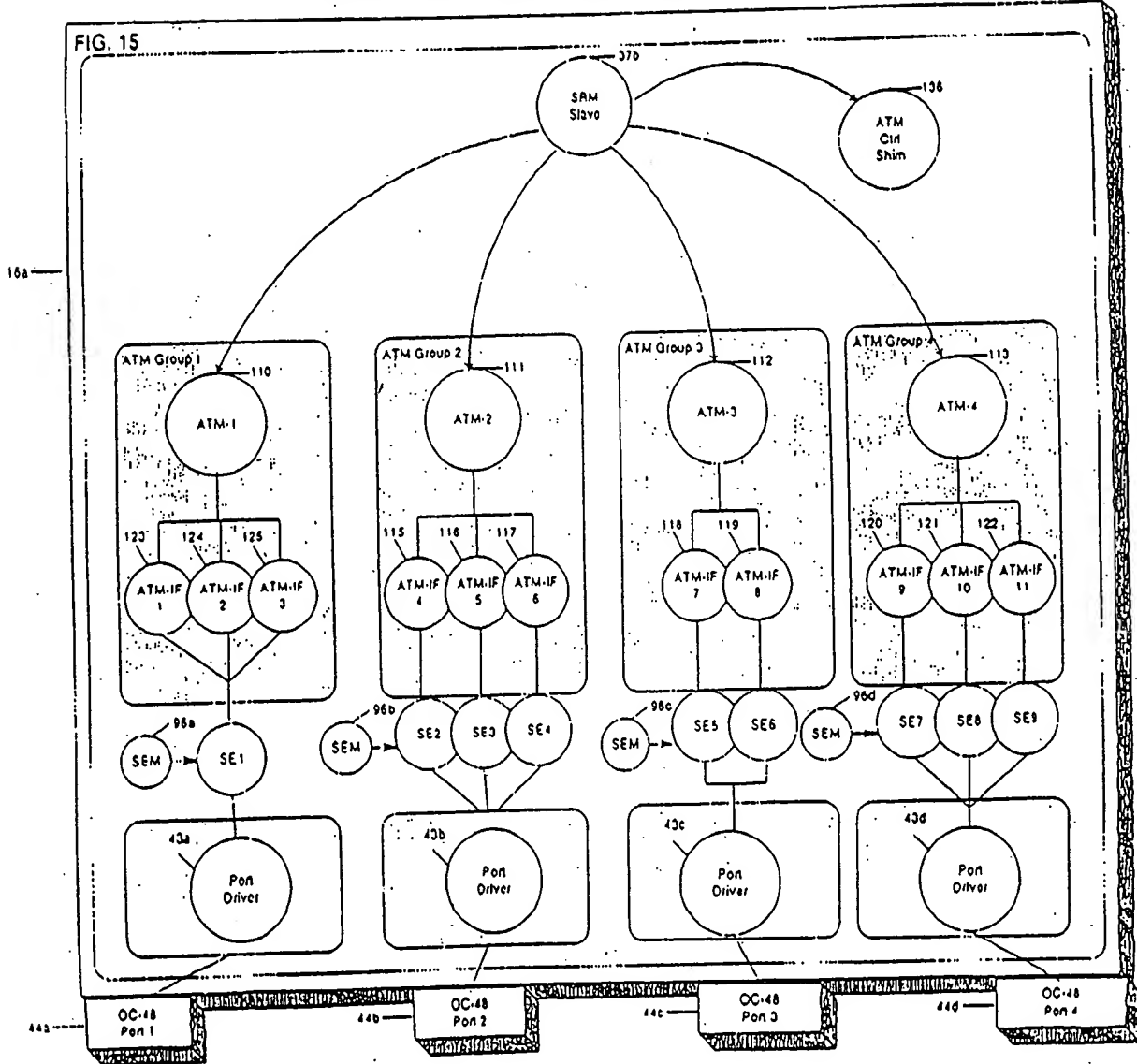
ATM IF	ATM Group	SE	...
1	1	1	
2	1	1	
3	1	1	
4	2	2	
5	2	3	
6	2	4	
...
12	3	10	...
...

FIG. 14f

Software Load Record 128a

130	Control Shim	LID	132
134	atm-cntrl.exe	30	

FIG. 15



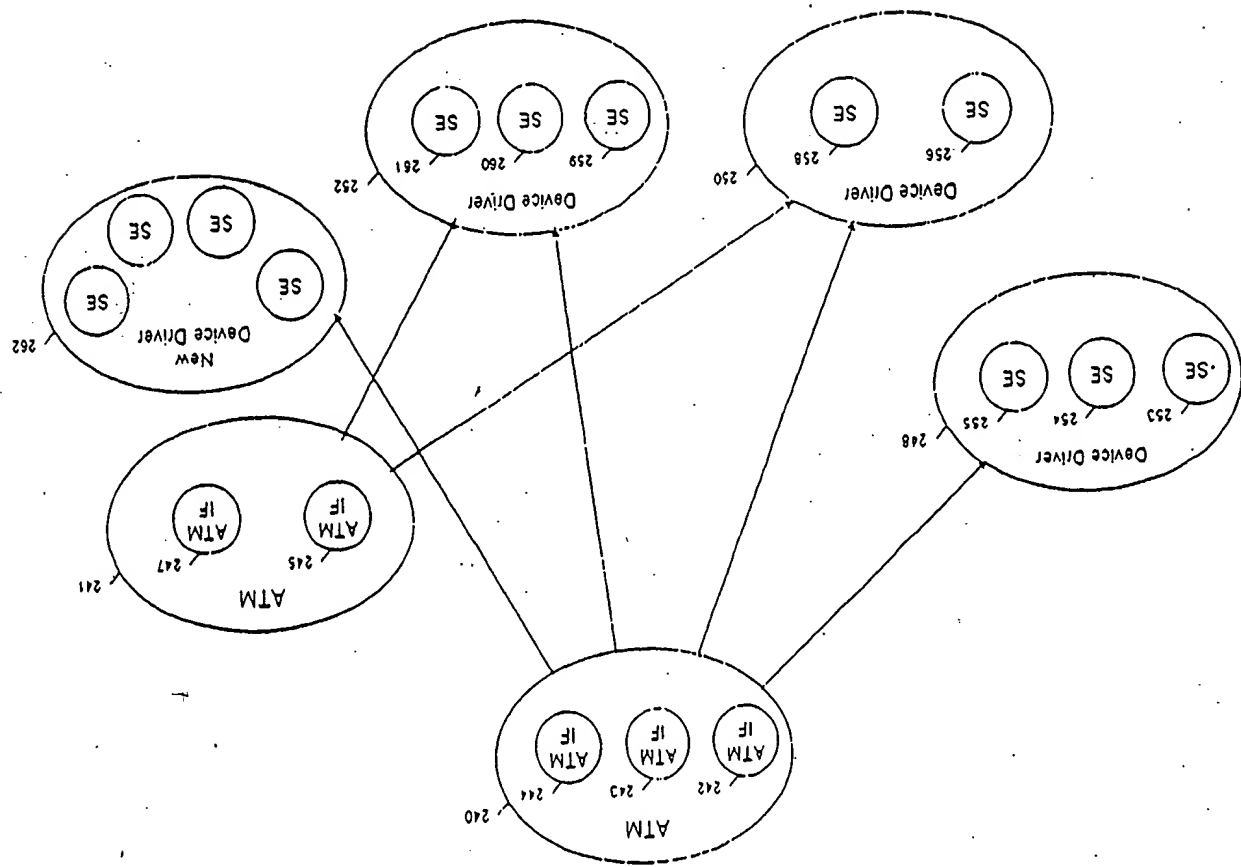


FIG. 16a

00000002, 404200

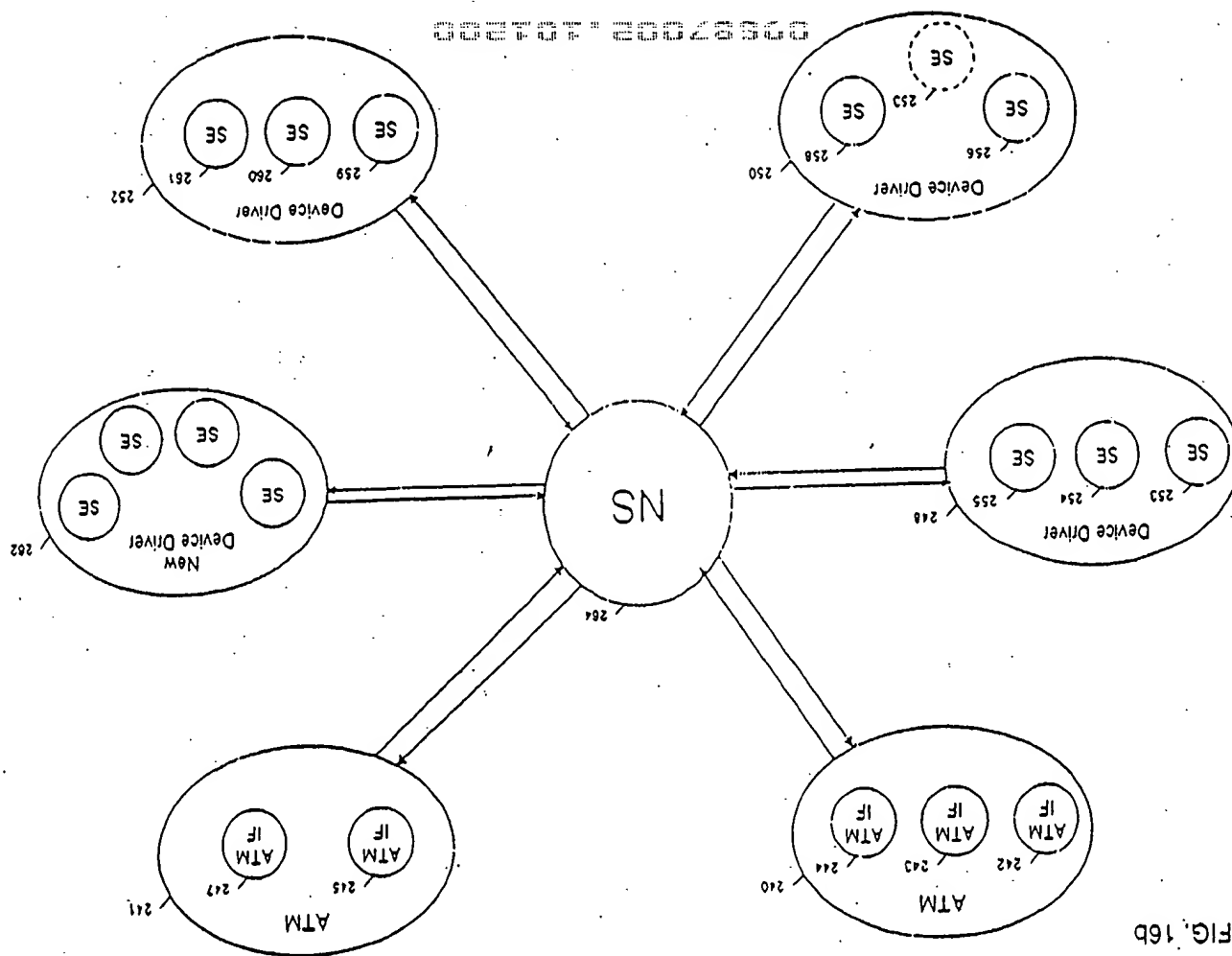
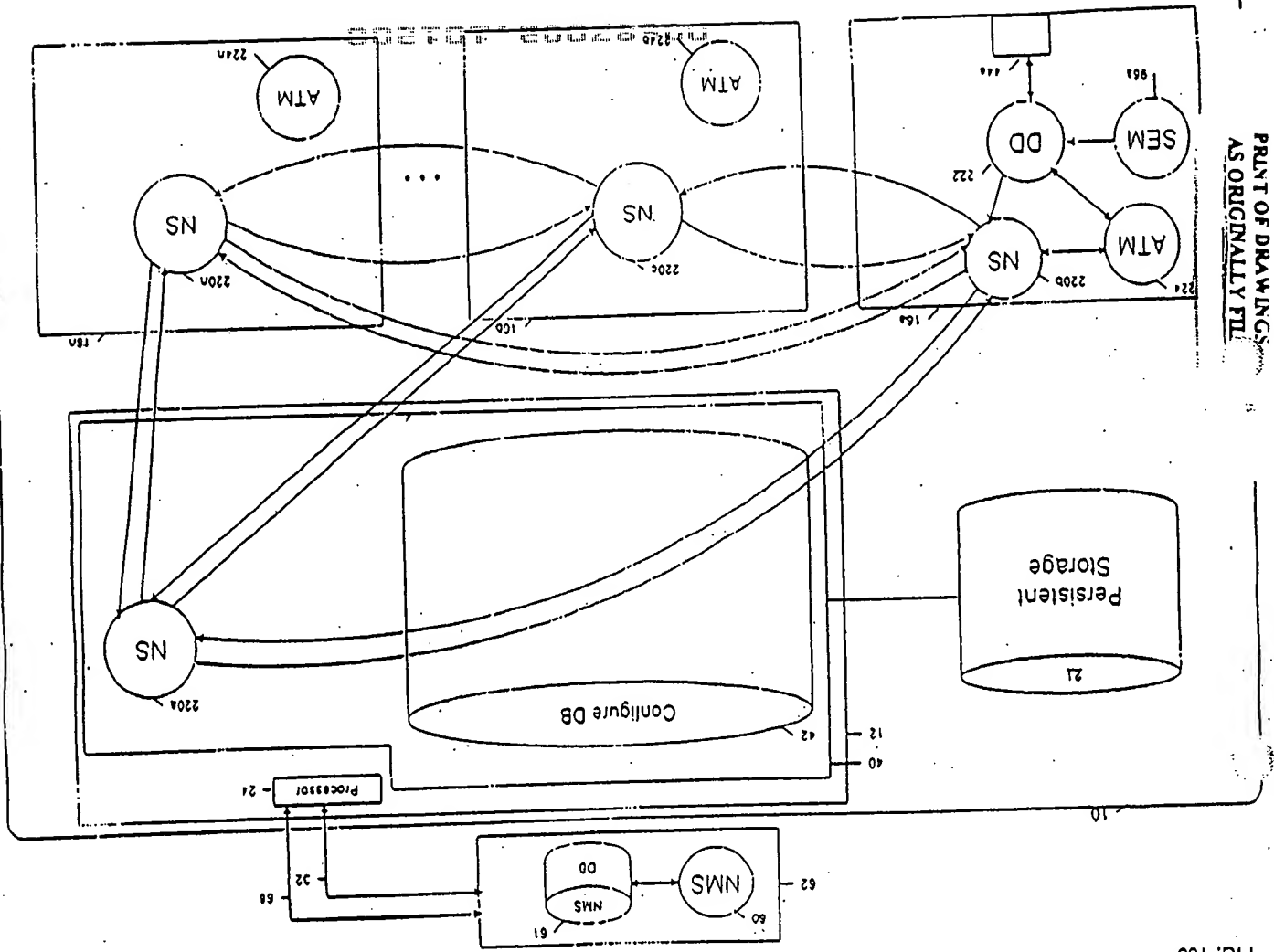
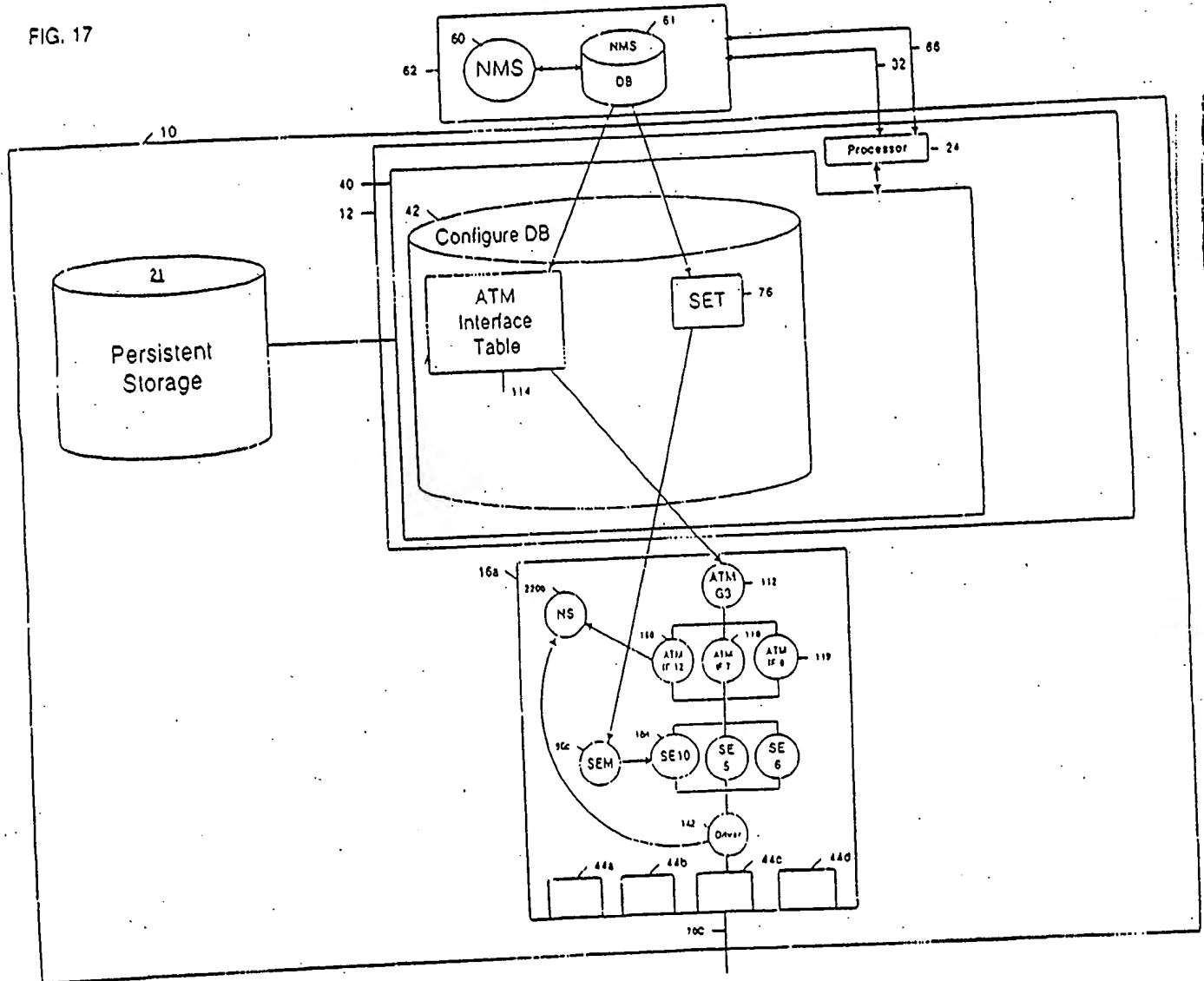


FIG. 16b



00EFOF 20028300

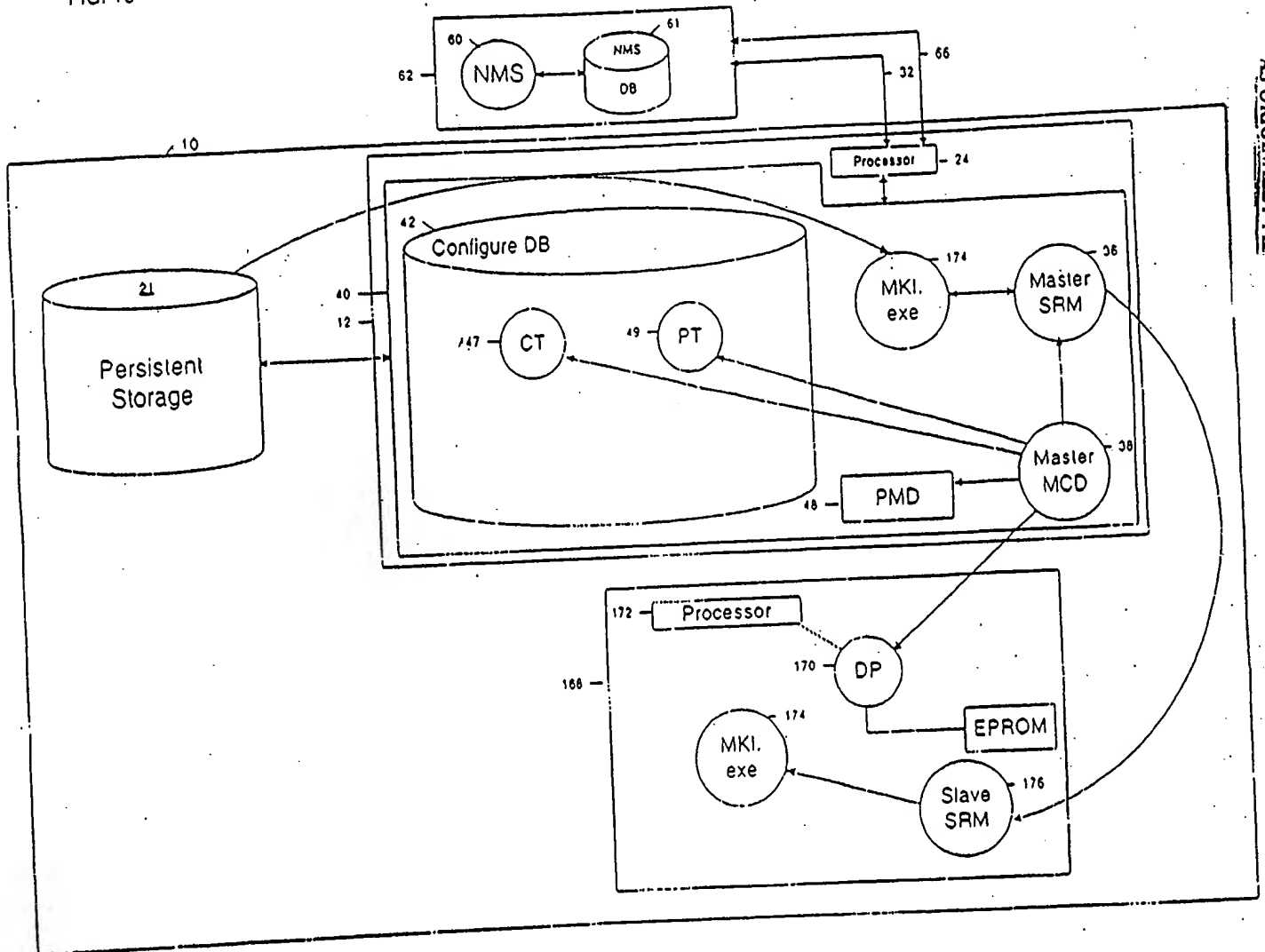
FIG. 17



PRINT OF DRAWINGS
AS ORIGINALLY FILED

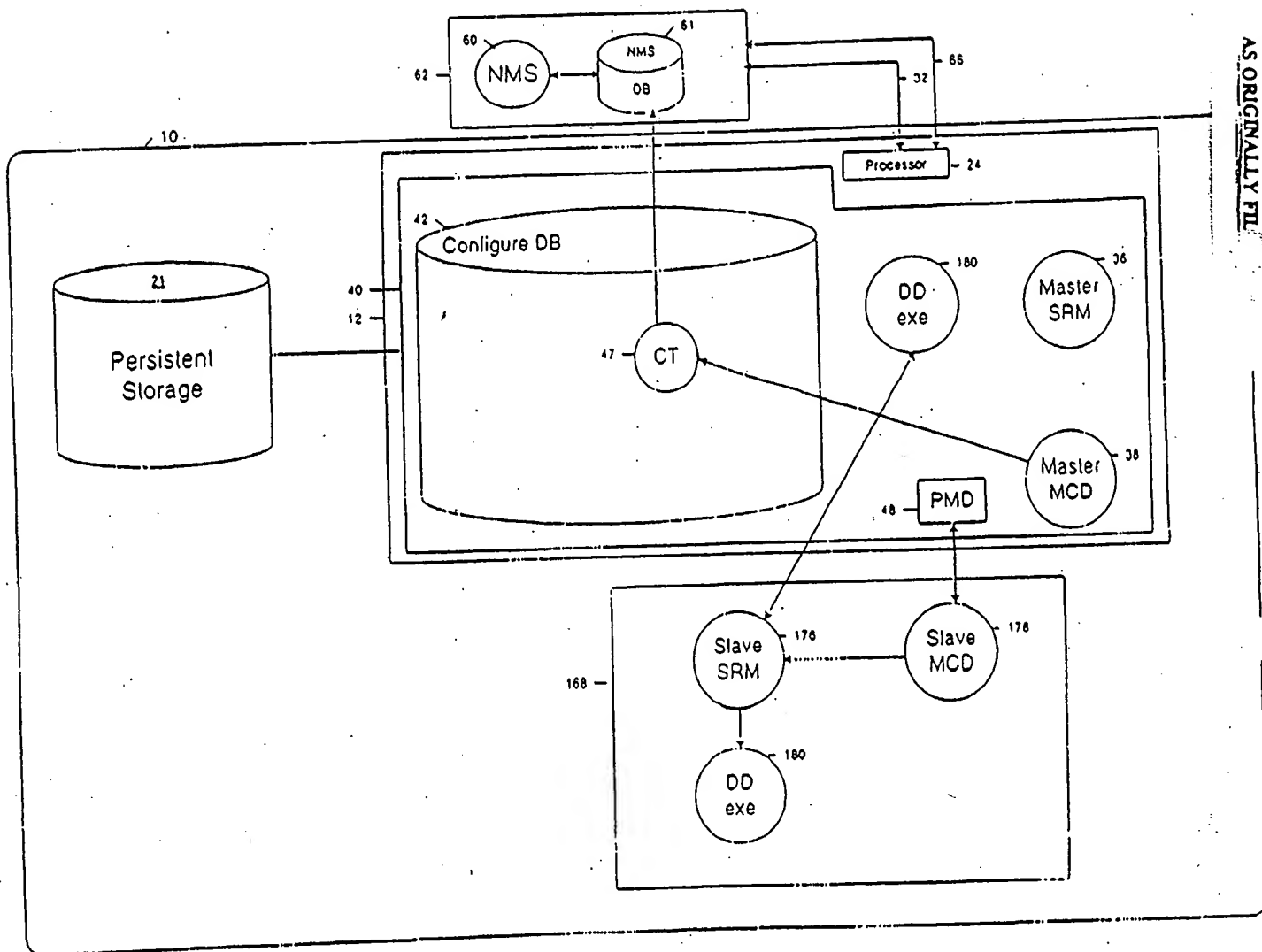
DOE FORM 20028500

FIG. 18



PRINT OF DRAWINGS
AS ORIGINALLY FILED

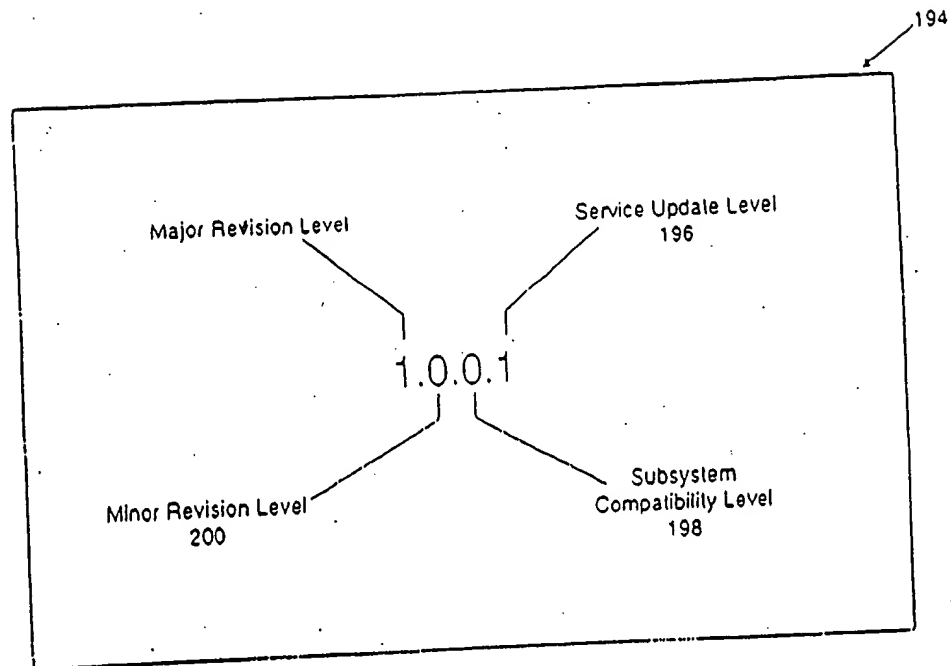
FIG. 19



[illegible]

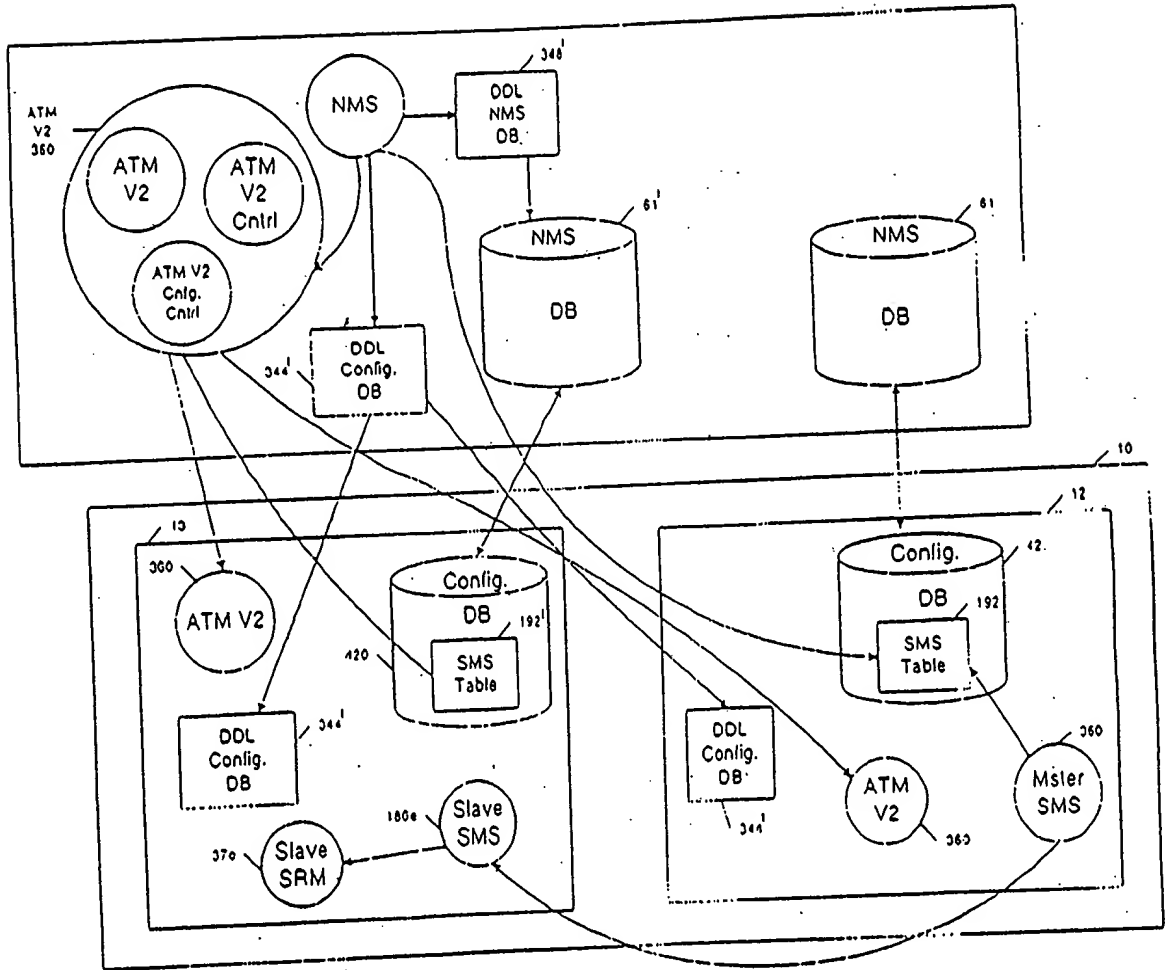
002407 20020320

FIG. 21



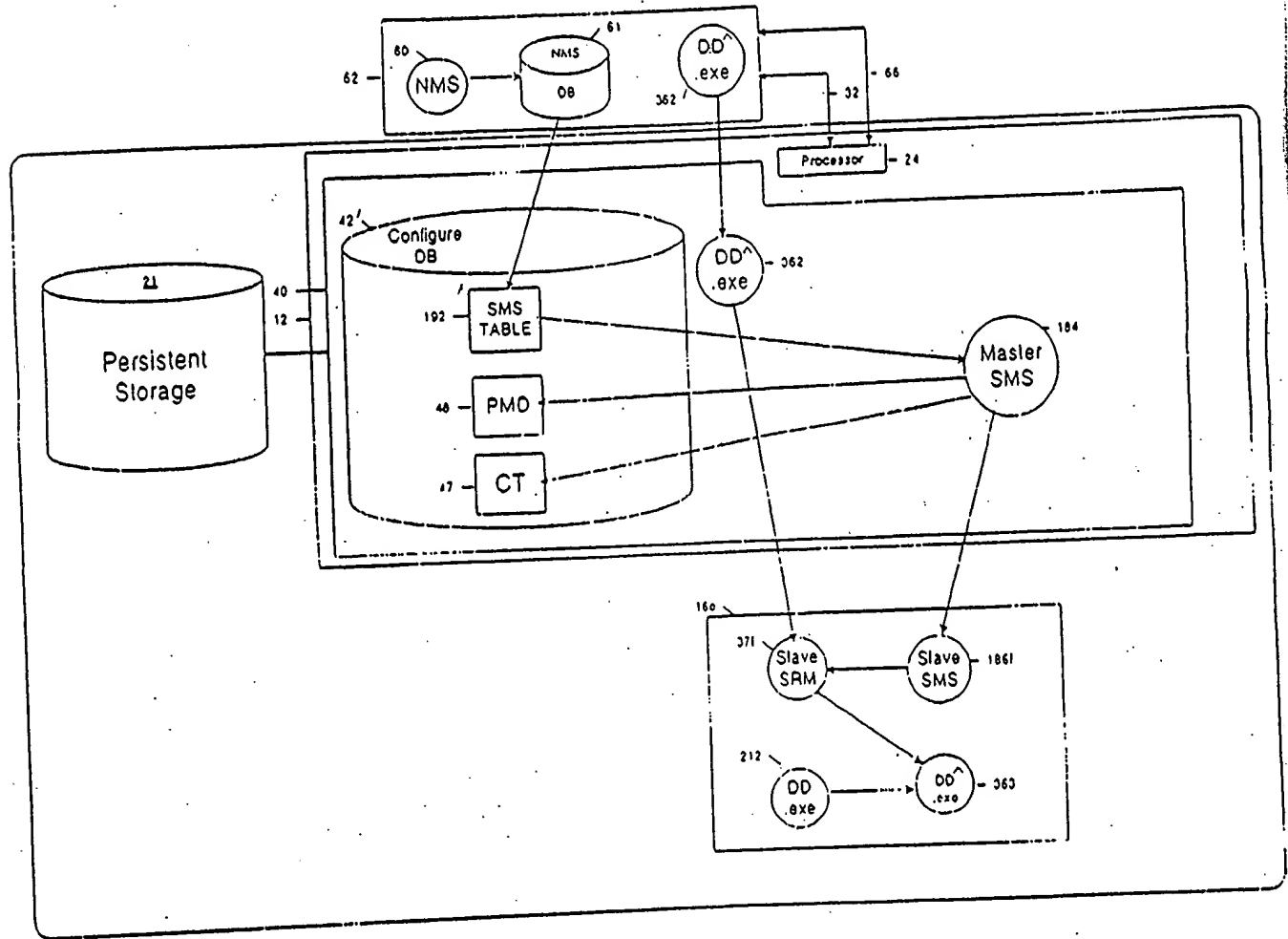
PRINT OF DRAWINGS
AS ORIGINALLY FILED

FIG. 22



20020707 20020300

FIG. 23



PRINT OF DRAWINGS
AS ORIGINALLY FILED

FIG. 24

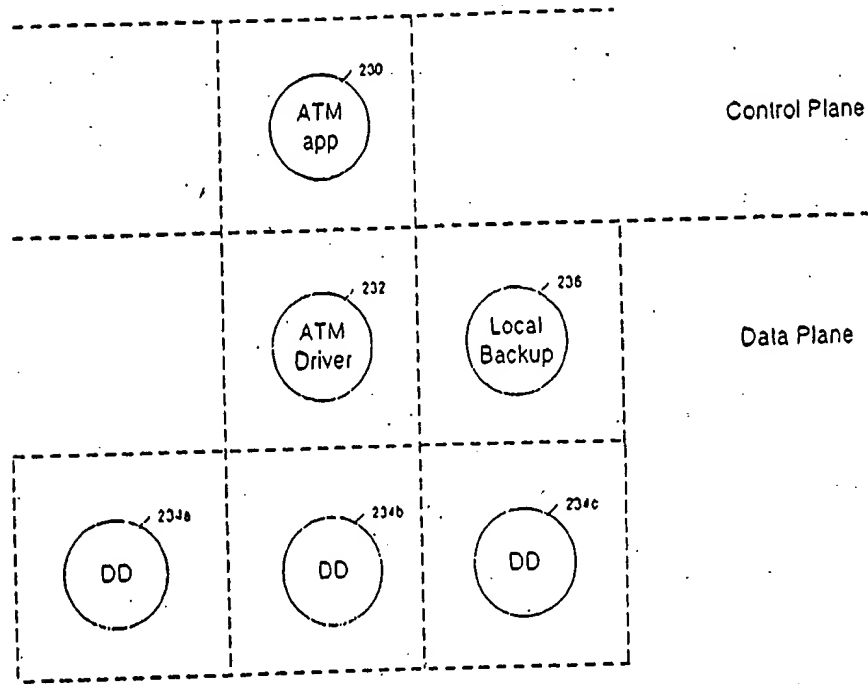


FIG. 25

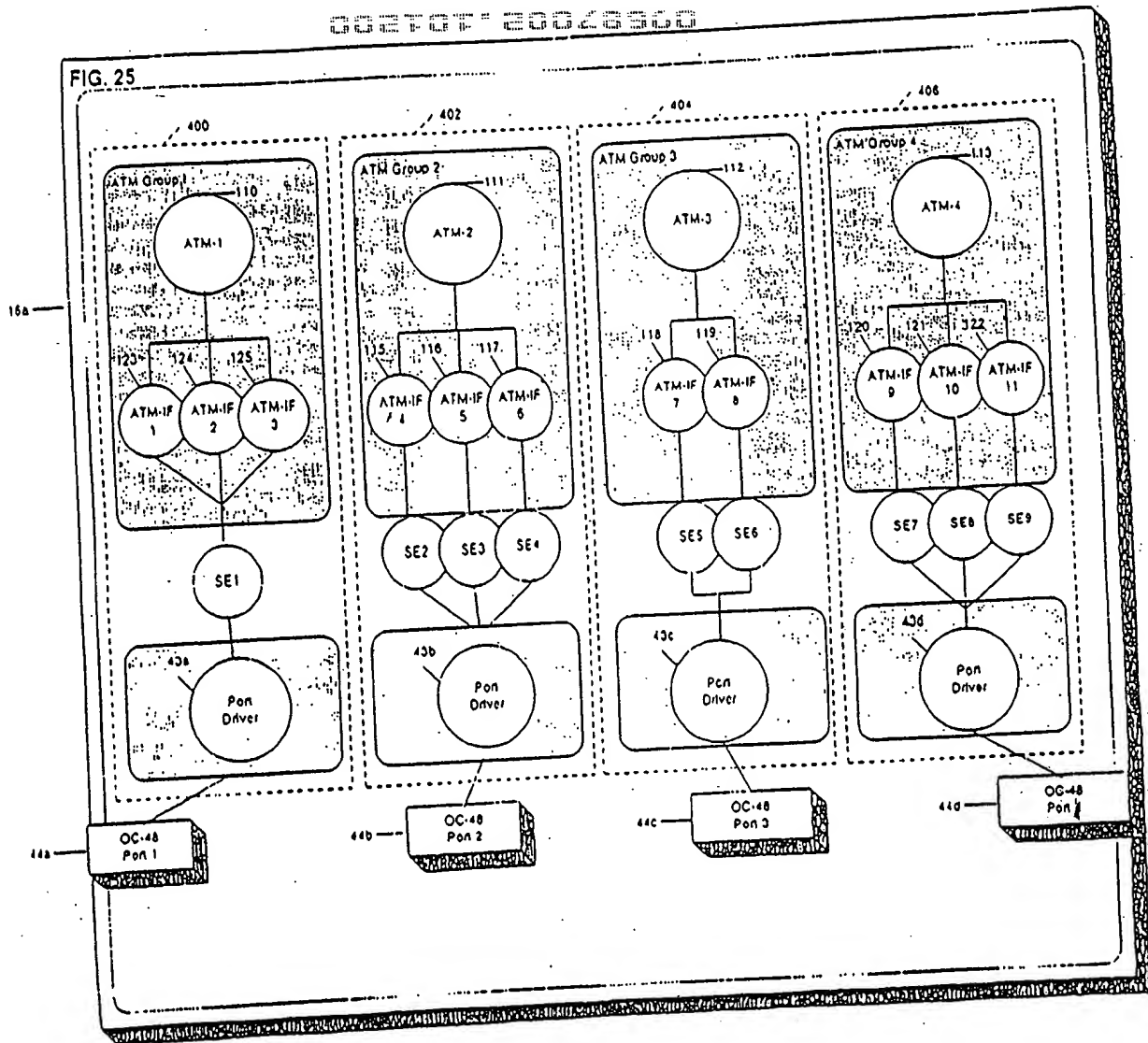
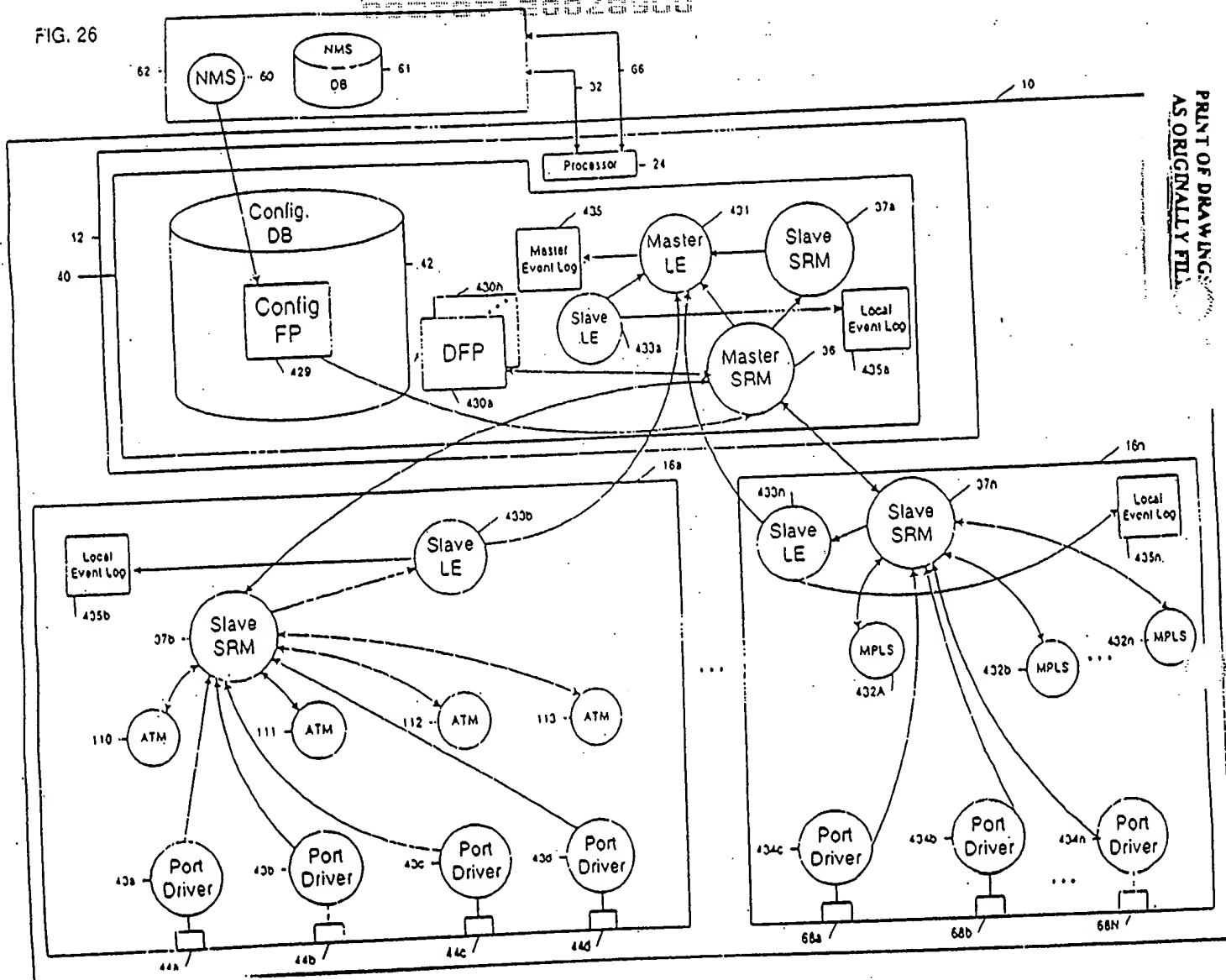


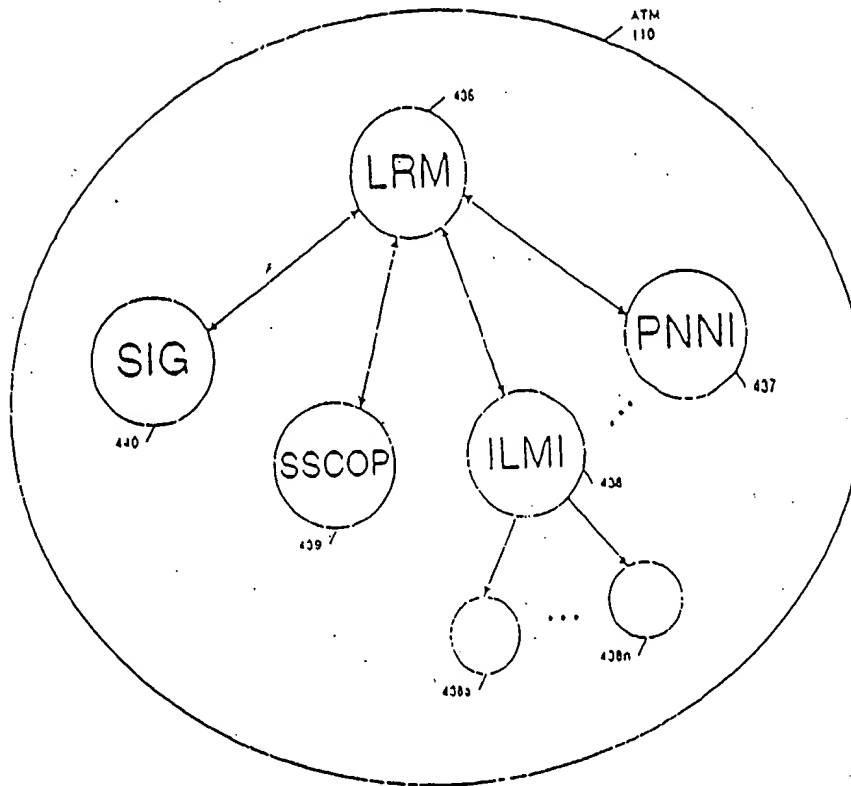
FIG. 26



PRINT OF DRAWING
AS ORIGINALLY FILED

002701 20020300

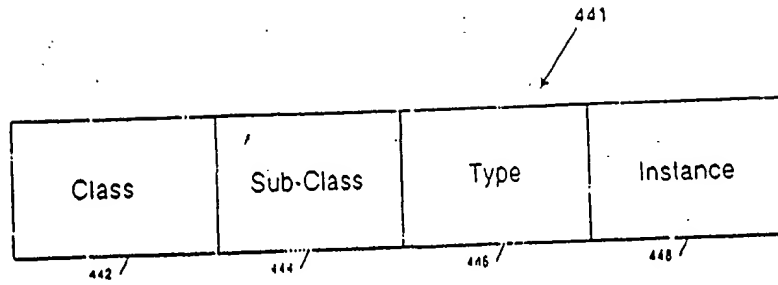
FIG. 27



PRINT OF DRAWINGS
AS ORIGINALLY FILED

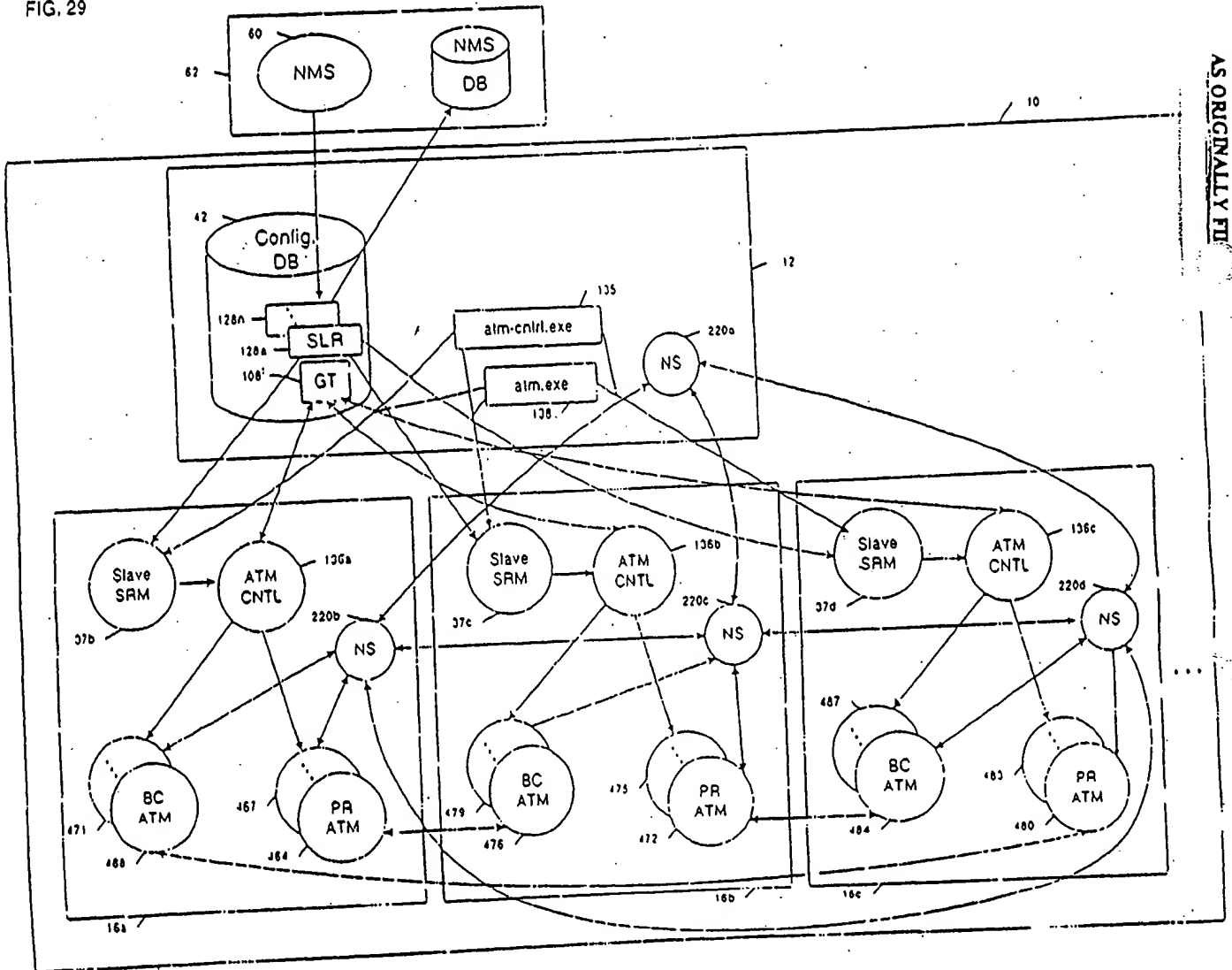
002704 20020300

FIG. 28



202107 20020900

FIG. 29



Group #	Primary Card LID	Backup Card LID.	...
1	30	31	
2	30	31	
3	30	31	
4	30	31	
5	31	32	
6	31	32	
7	31	32	
8	31	32	
9	32	30	
10	32	30	
11	32	30	
12	32	30	
...

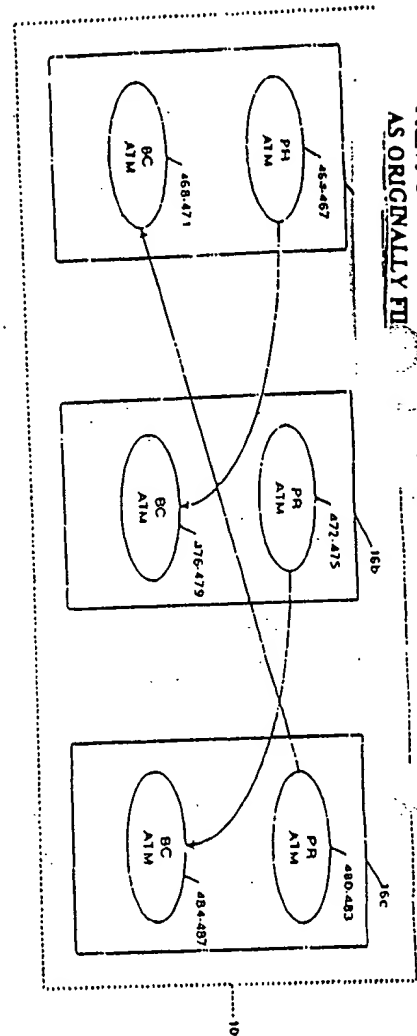


Fig. 31b

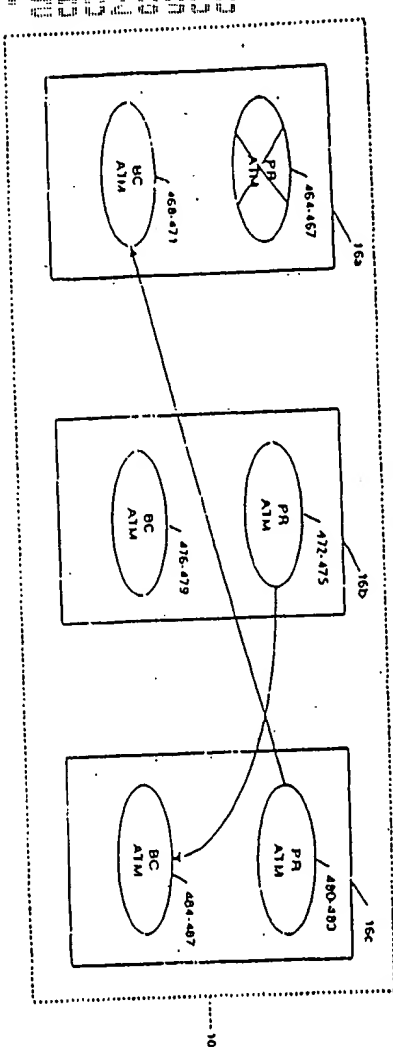
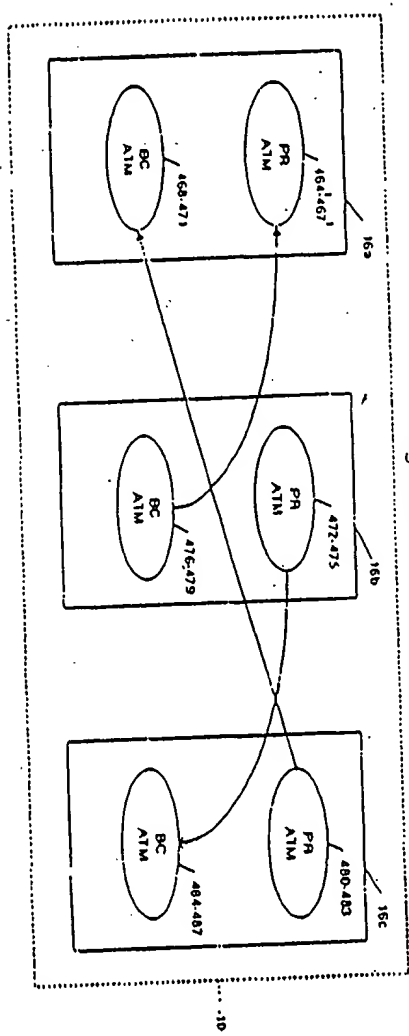


Fig. 31c



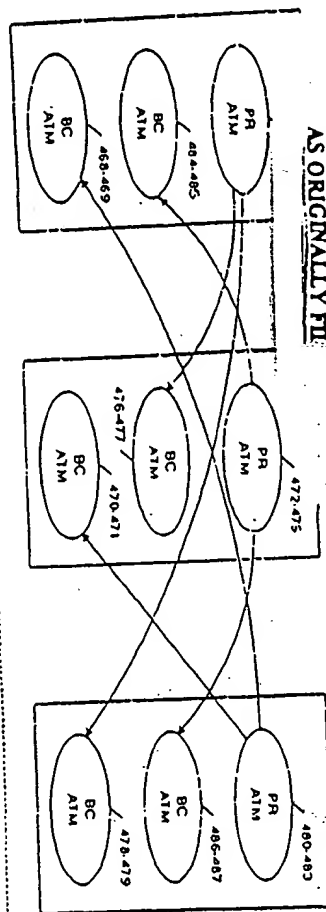


Fig. 32b

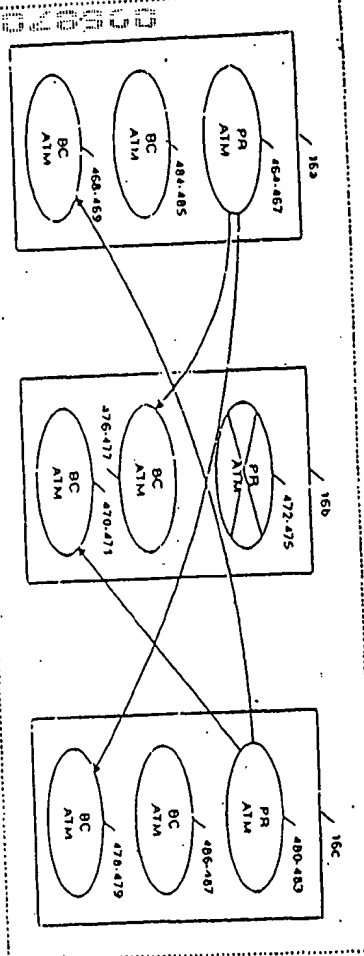
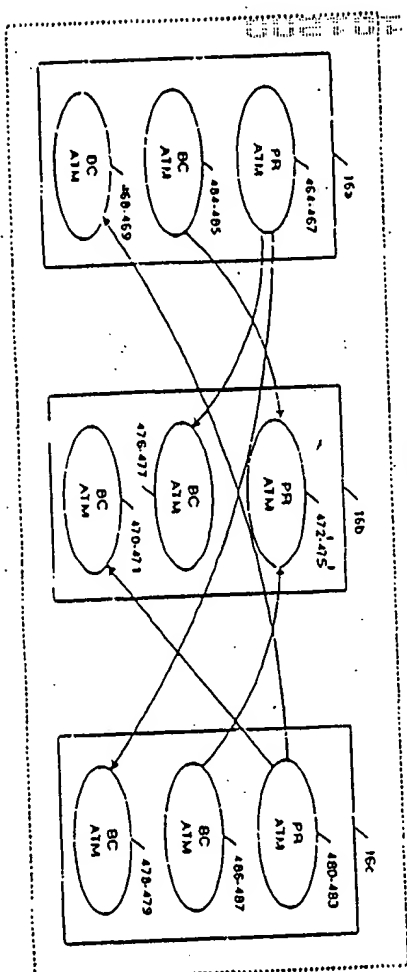
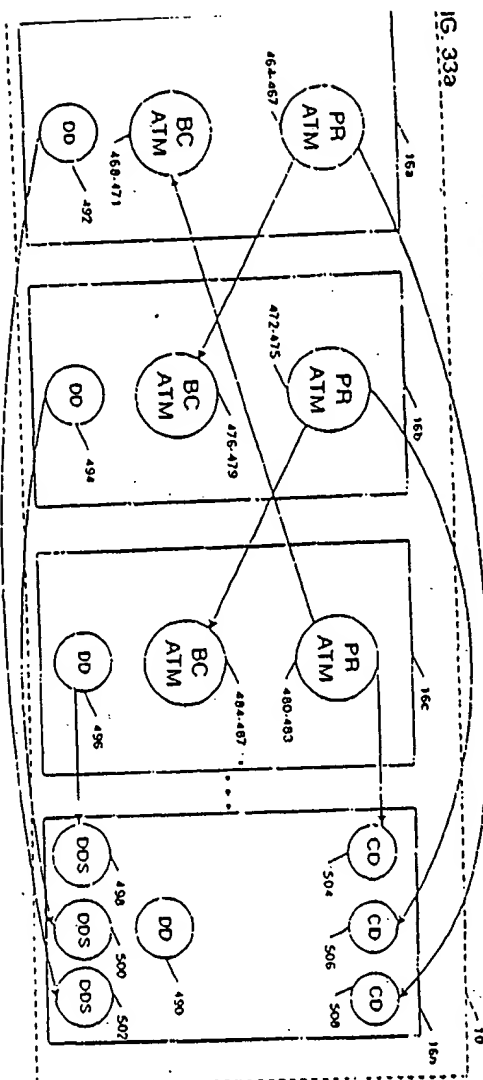


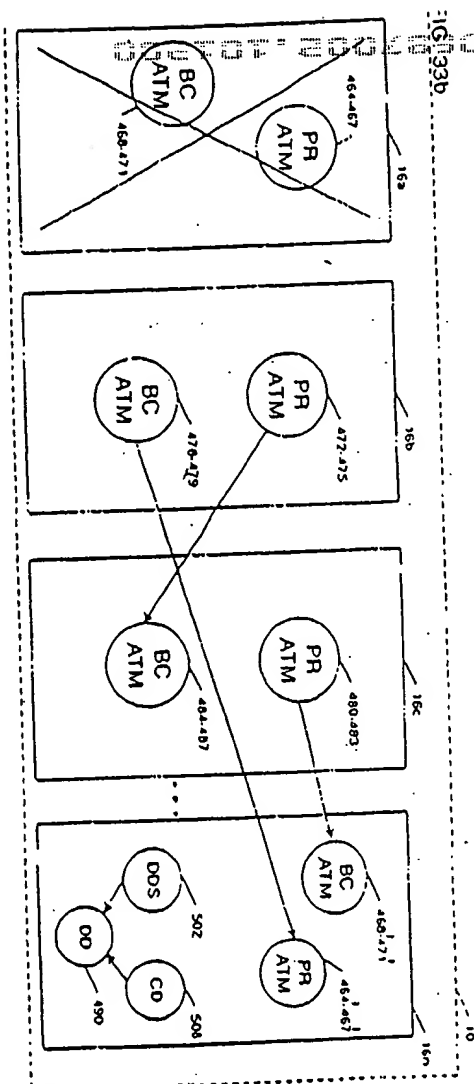
Fig. 32c



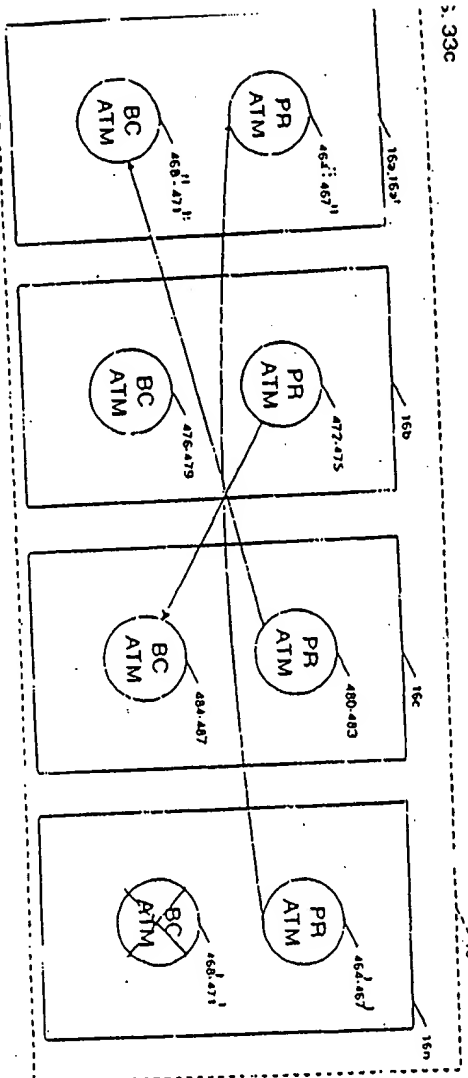
IG. 33a



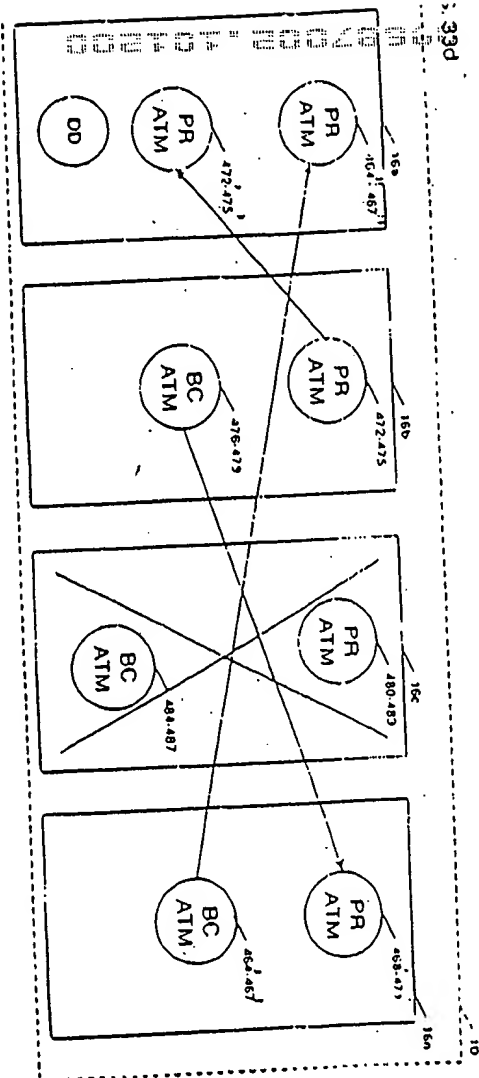
IG. 33b

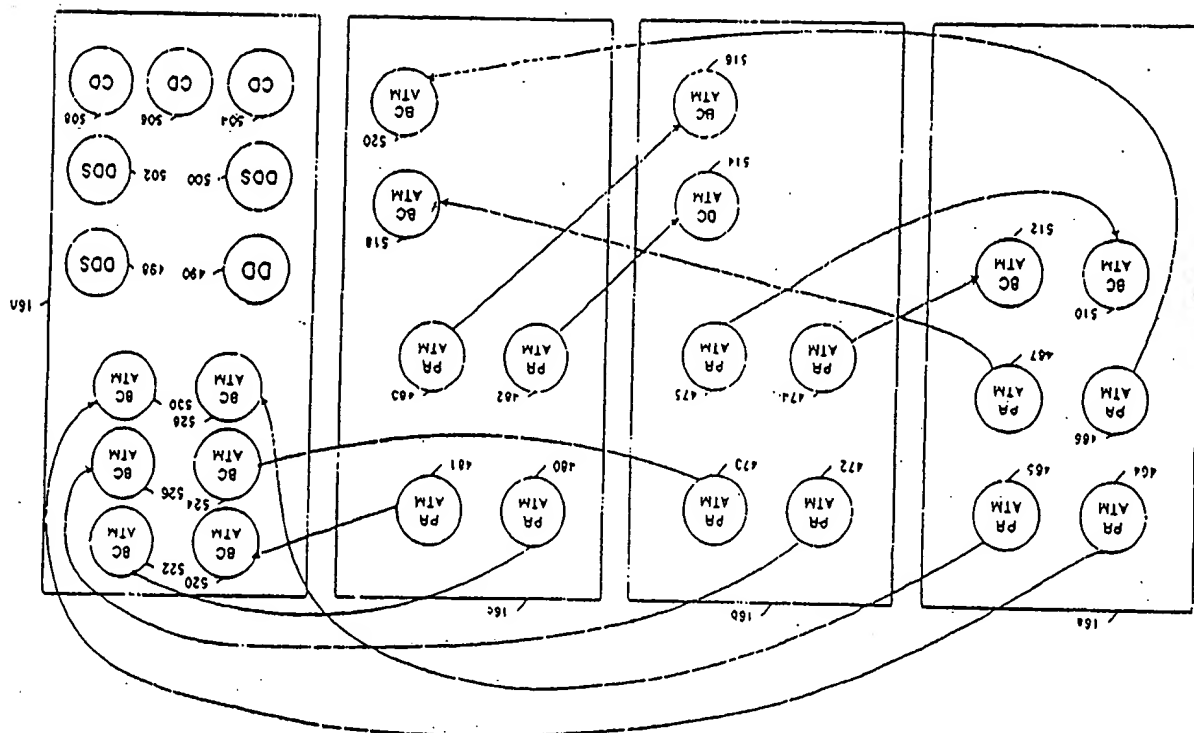


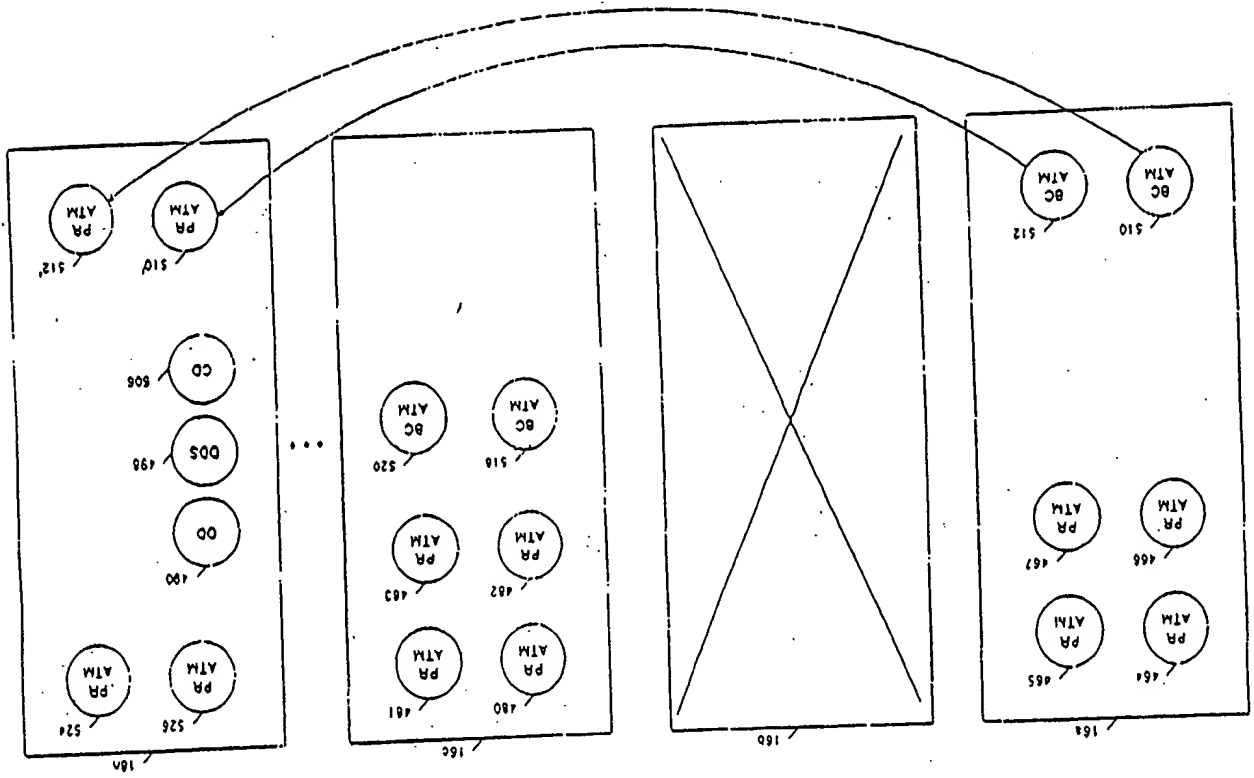
33c



33d







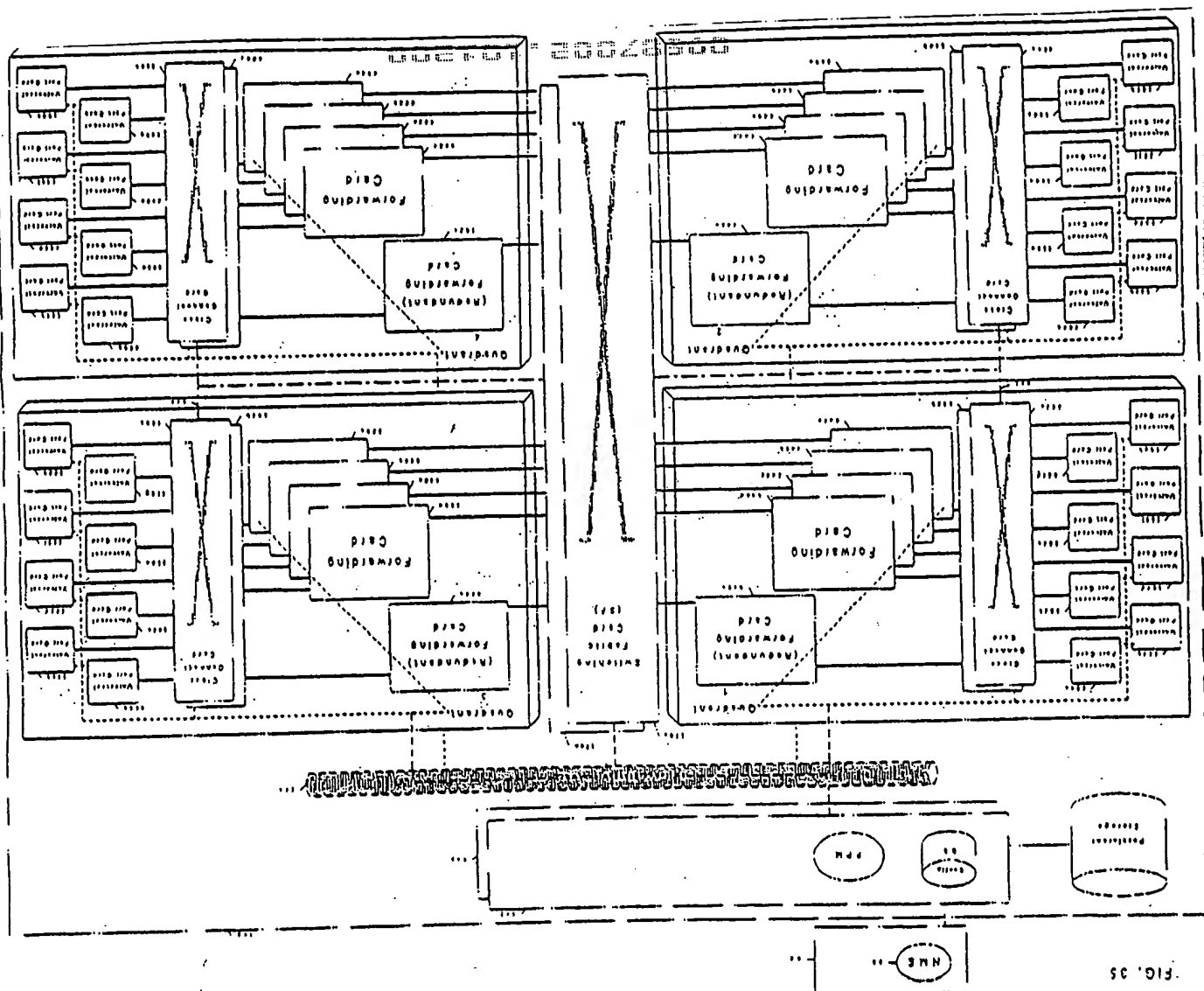


FIG. 36

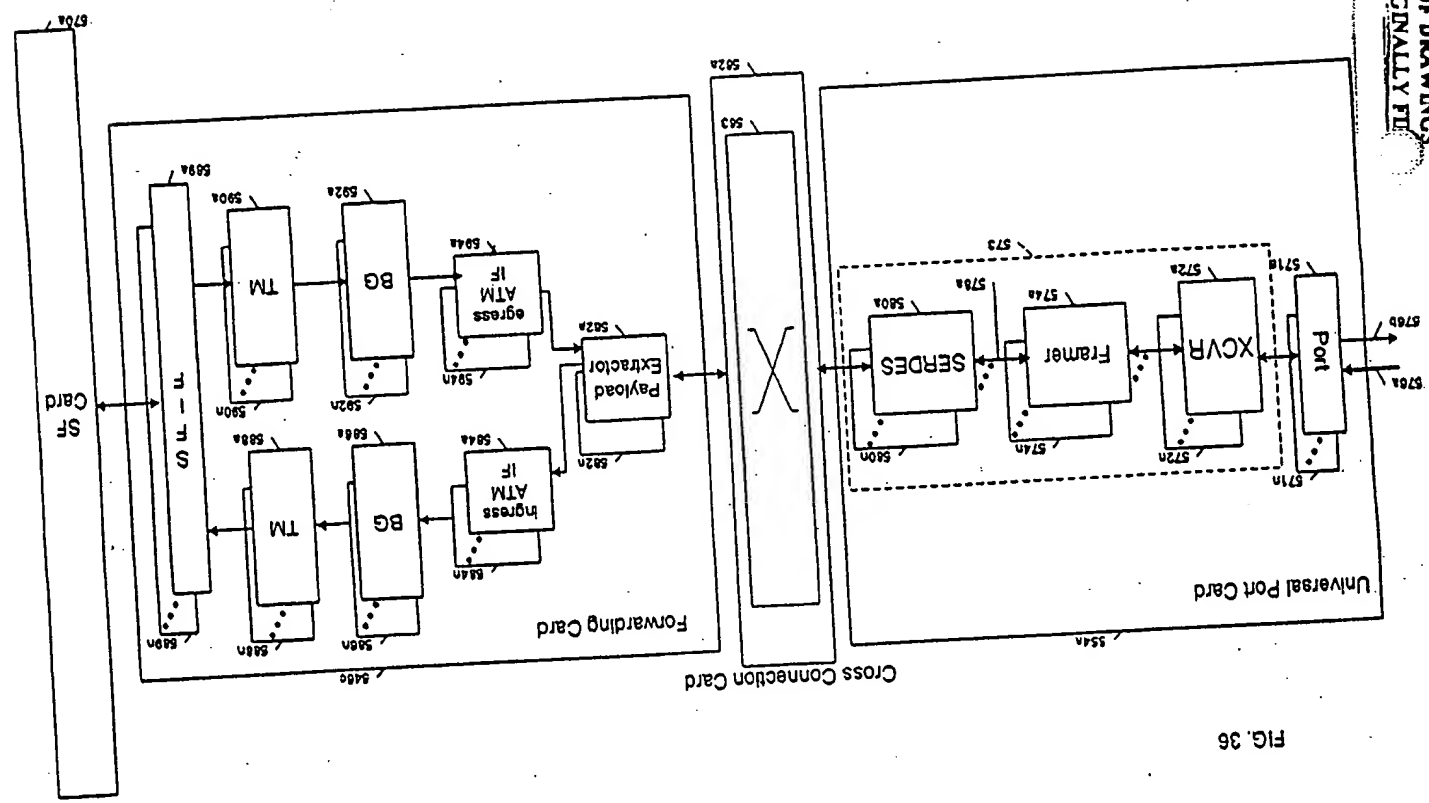
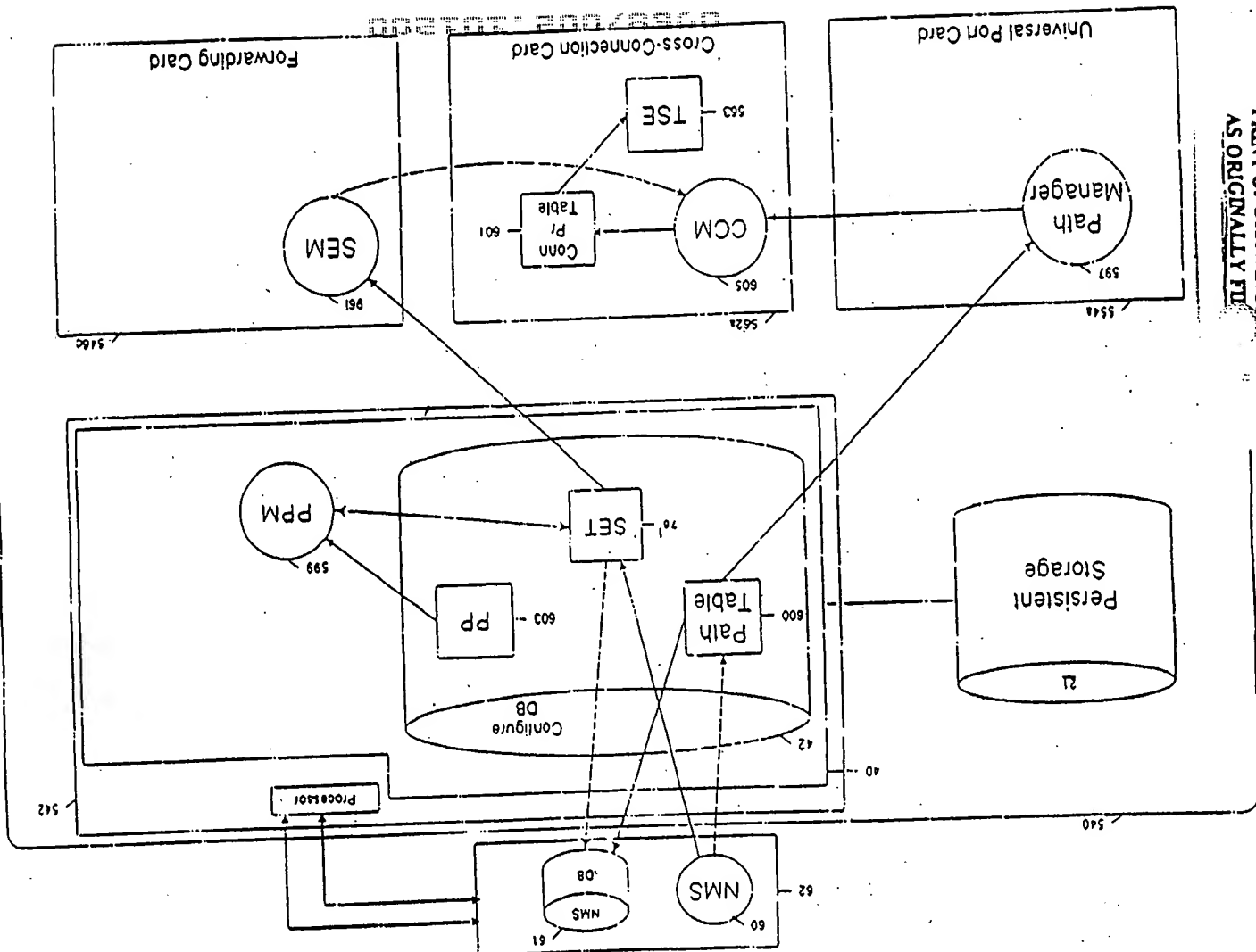


FIG. 37



PRINT OF DRAWINGS
AS ORIGINALLY FILED

S400 →

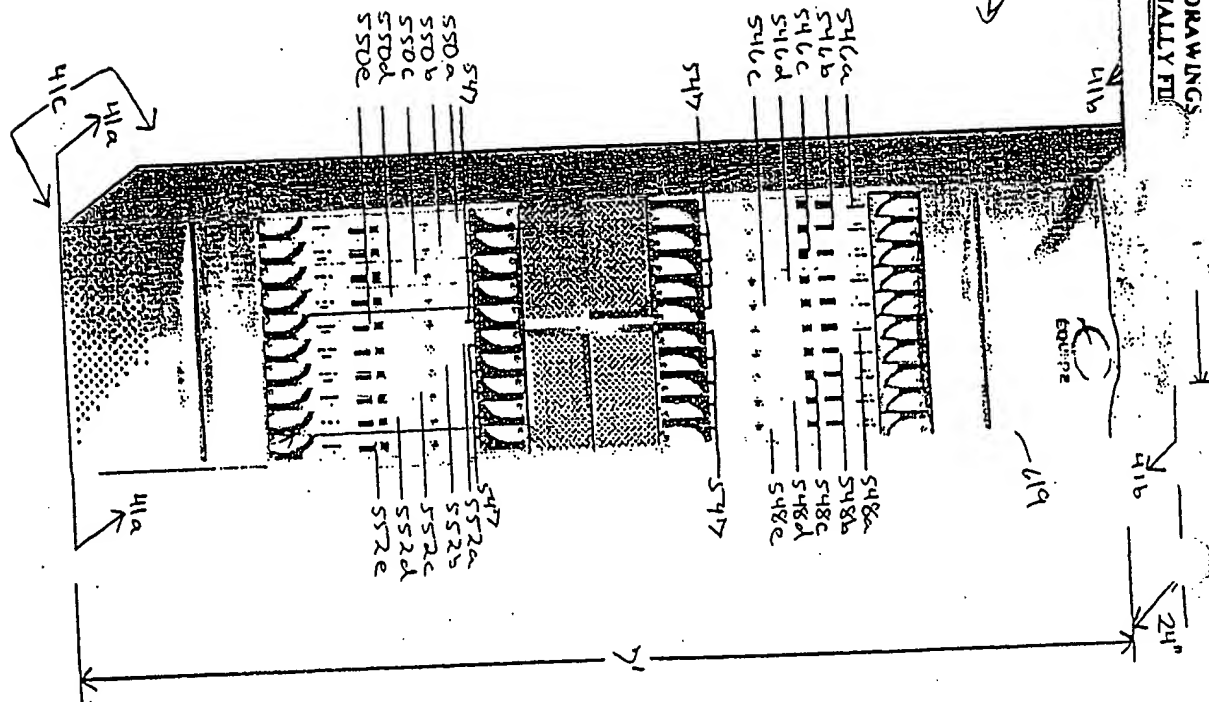


Fig. 40

**PRINT OF DRAWINGS
AS ORIGINALLY FILED**

The drawing shows a PCB layout with two primary horizontal sections. The top section contains several rows of components labeled with codes such as XC, E, C, F, S, U, P, A, M, PE, FT, and XE. Dimensions are indicated along the top and bottom edges, including a total width of 19 inches and a length of 628 inches. The bottom section features a large rectangular area labeled 'PE' and another area labeled 'FT'. Various component labels are scattered throughout the layout, including XC, E, C, F, S, U, P, A, M, PE, FT, and XE. The drawing is a technical representation of a physical object, likely a circuit board, used for manufacturing or documentation purposes.

419. 418

PRINT OF DRAWINGS
AS ORIGINALLY FILED

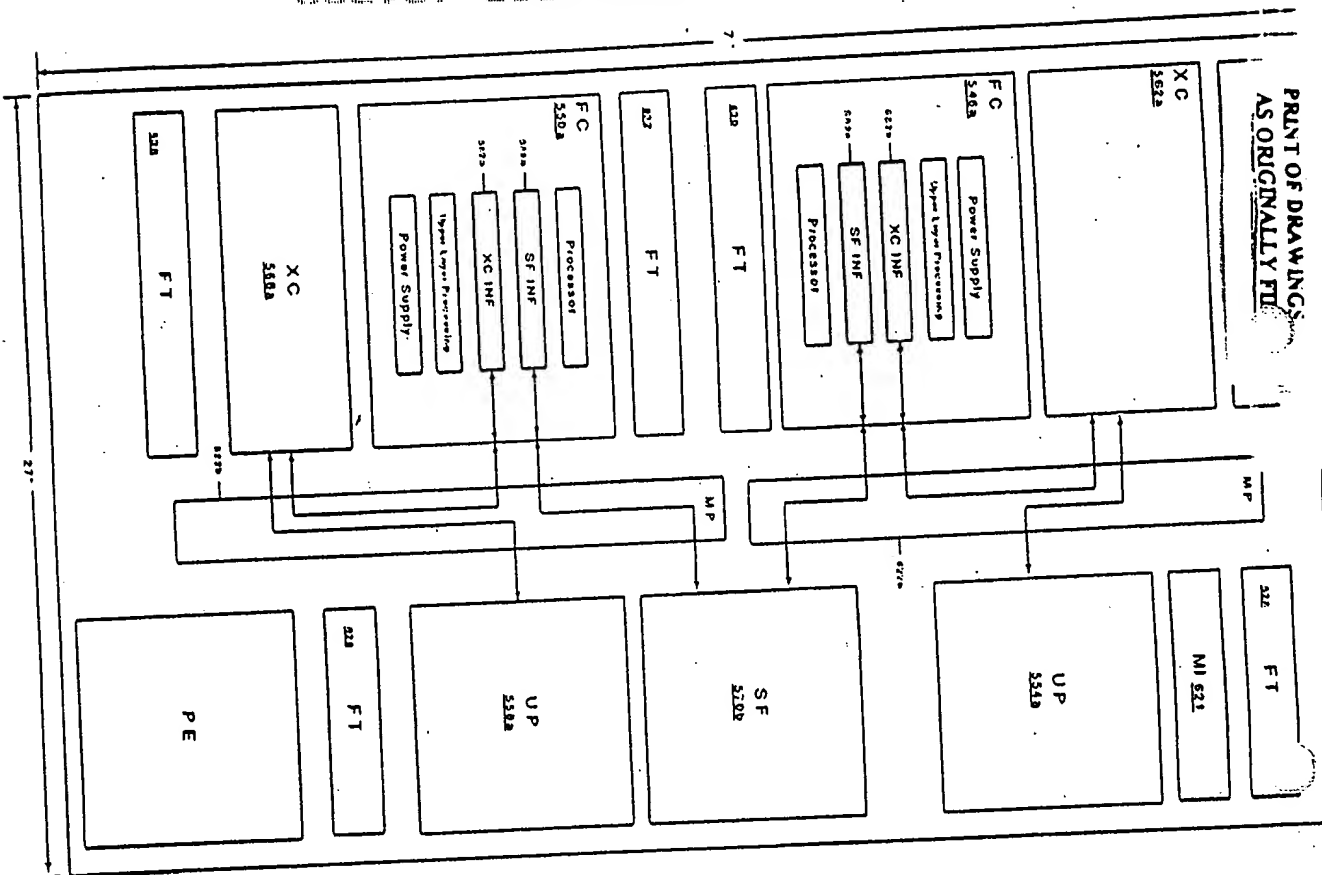


Fig. 41C

PRINT OF DRAWINGS
AS ORIGINALLY FILED

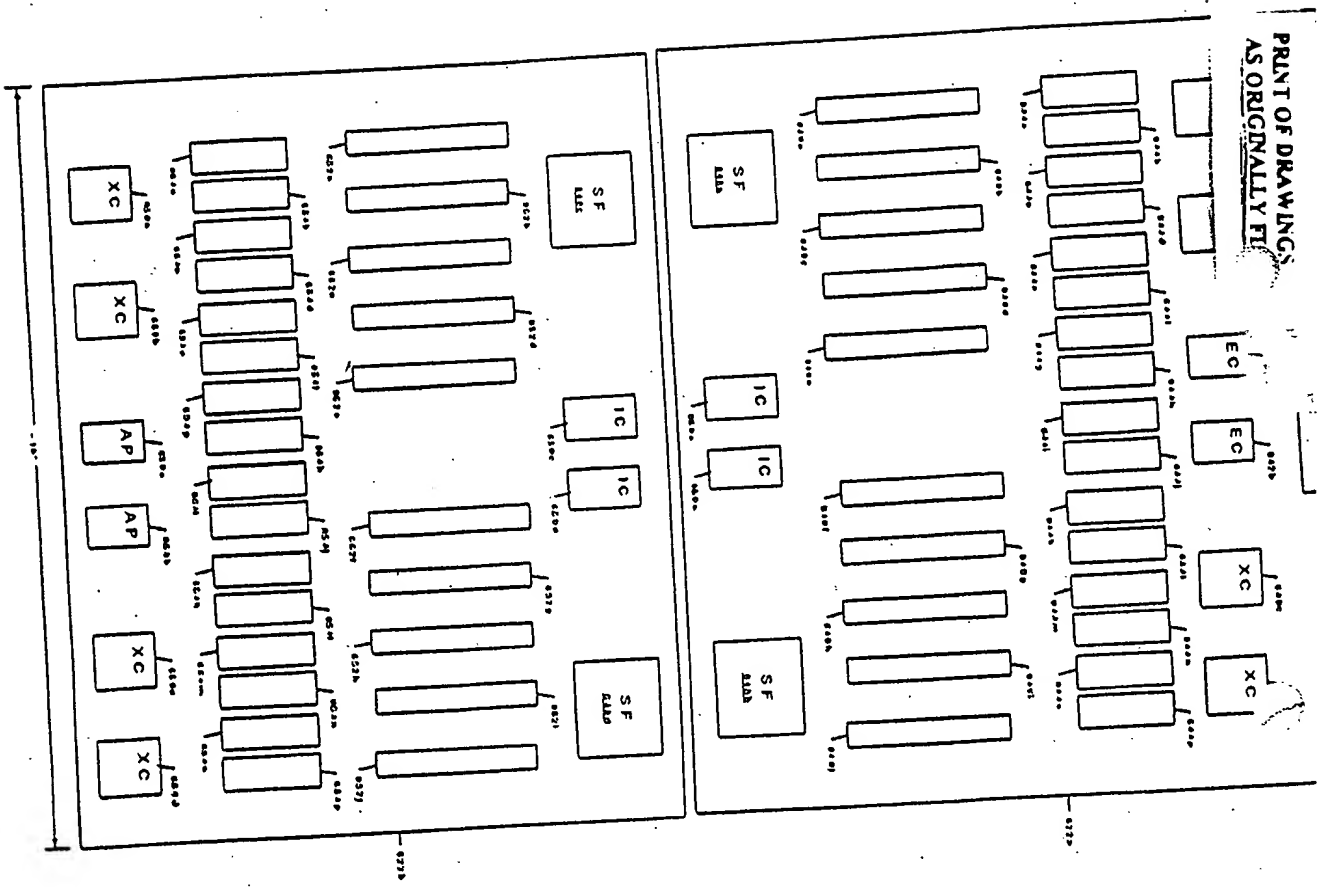


Fig. 42

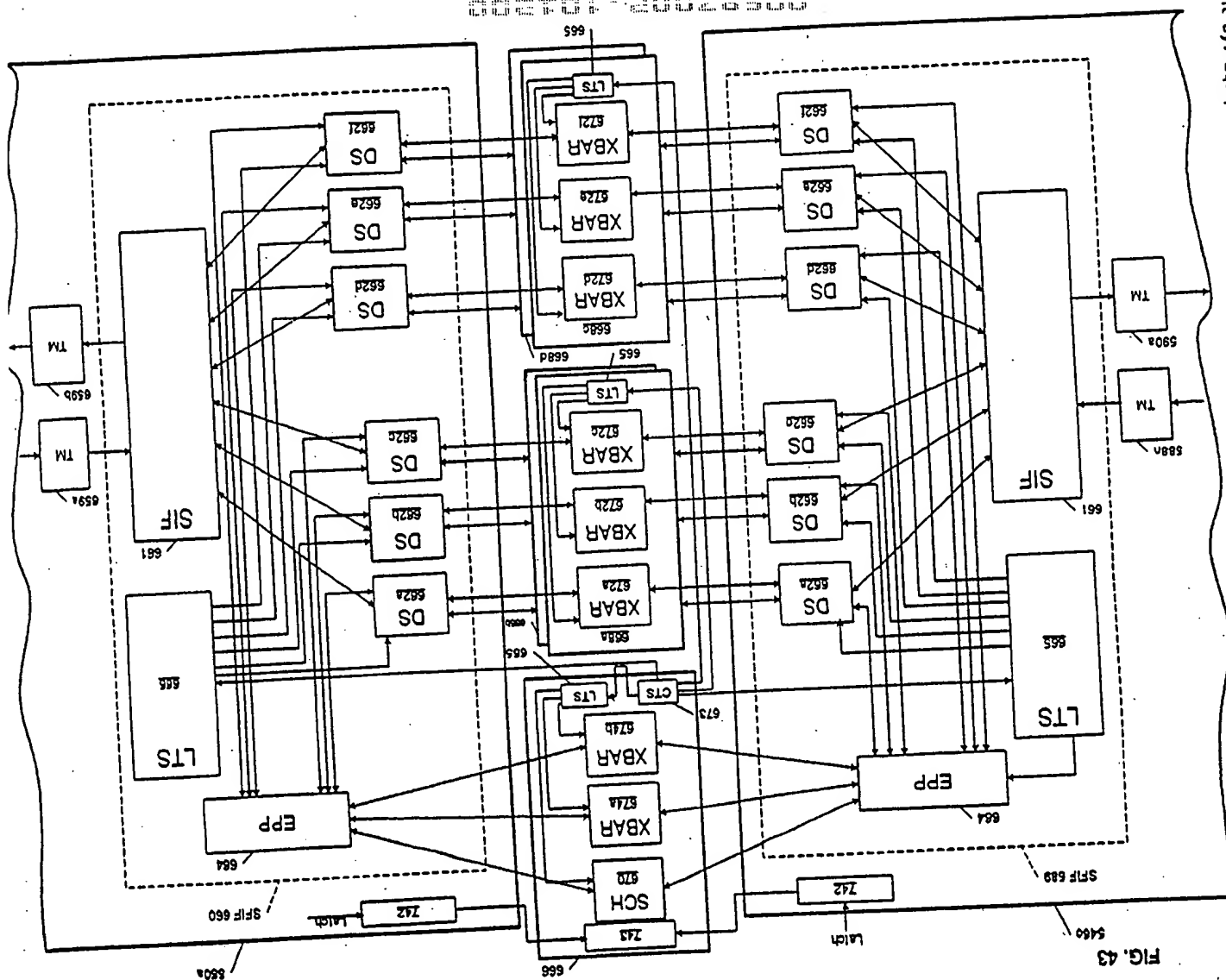
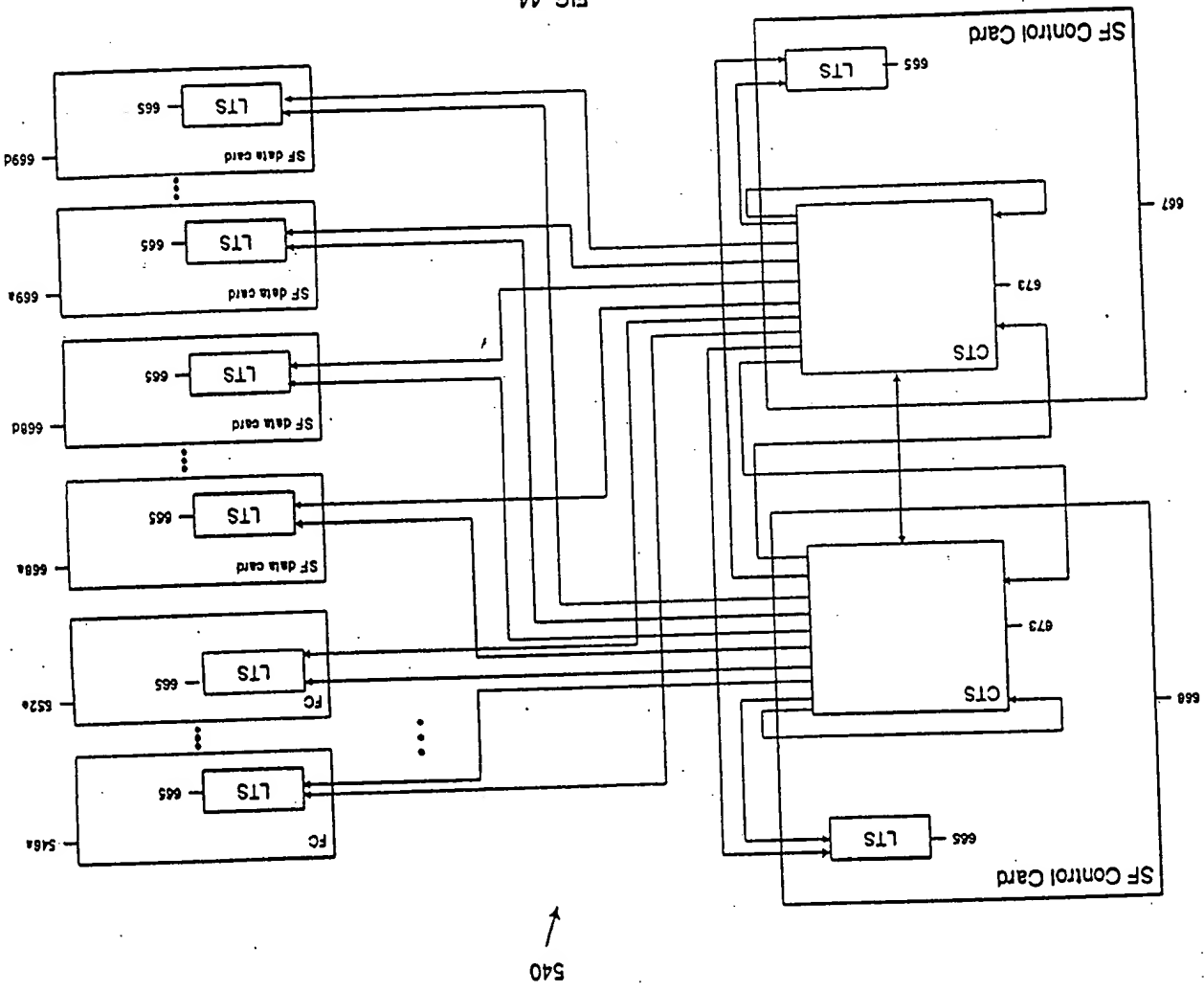


FIG. 43

00000000 - 101000

FIG. 44



781 795 2031;

JUL-6-00 4:26PM

Page 5



CTS

673

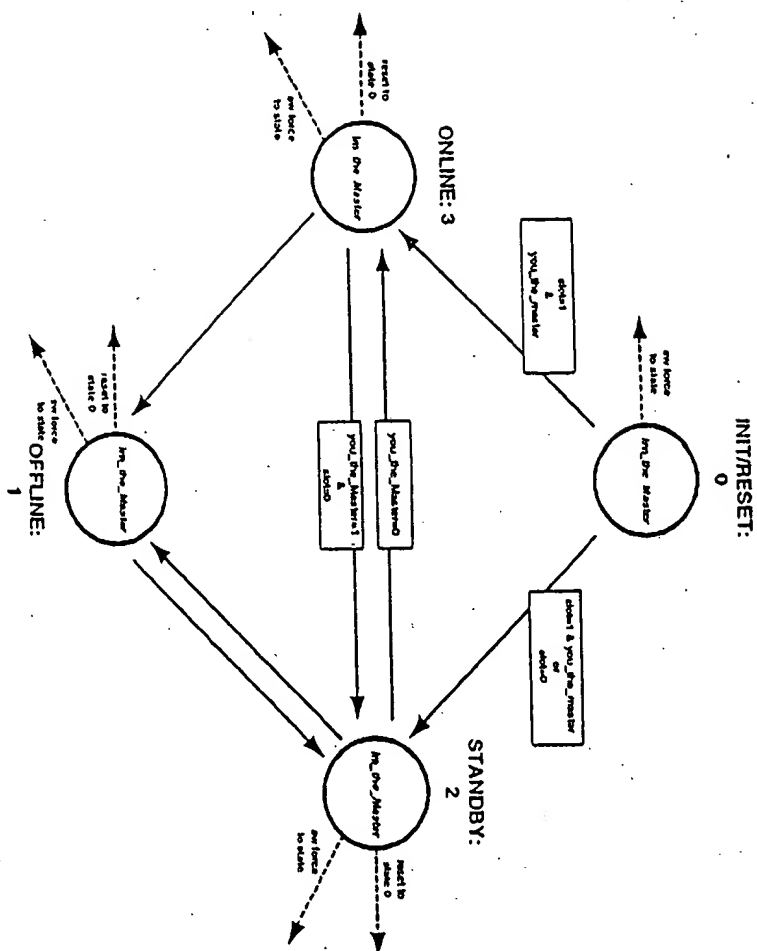


FIG. 46

Sent By: Equipe Communications;

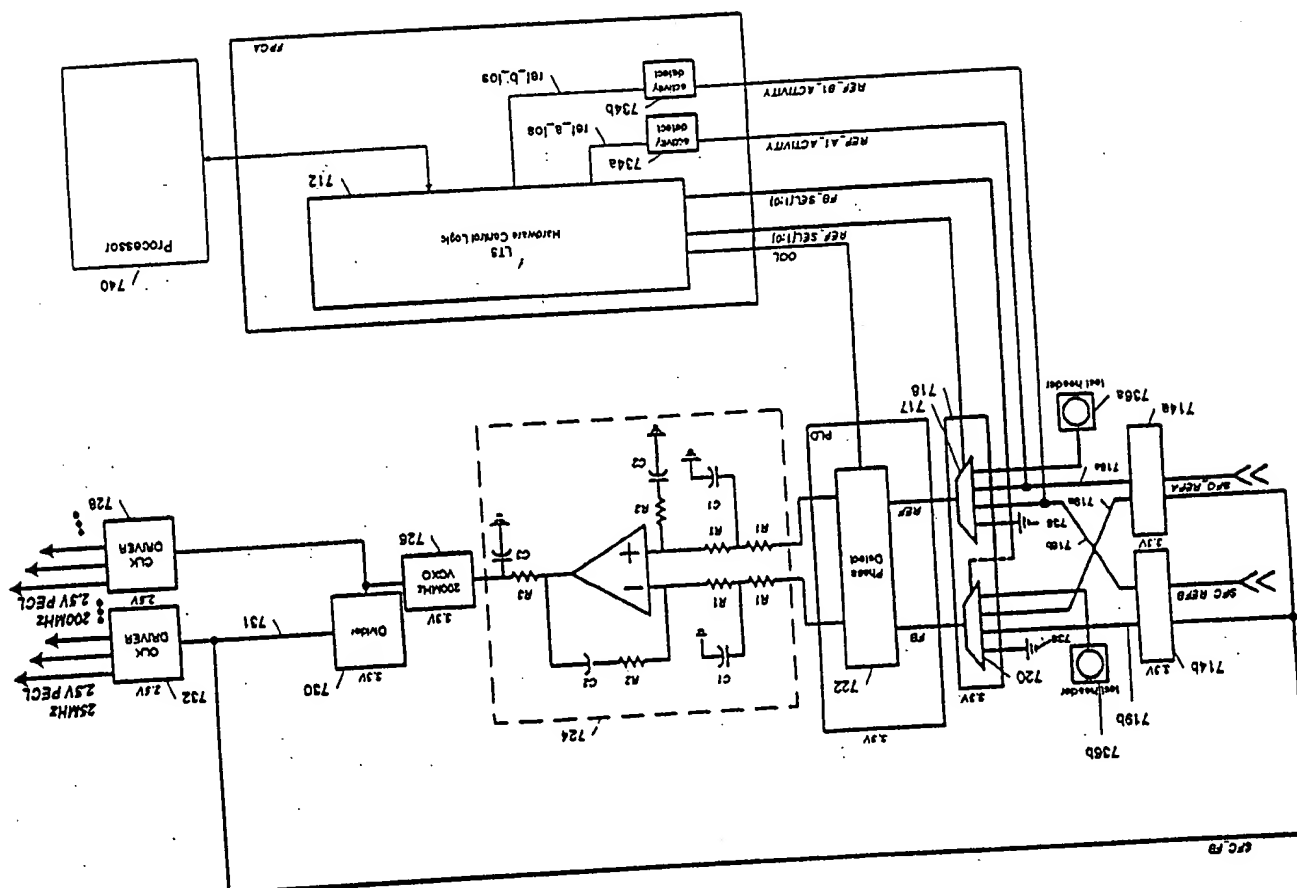
781 795 2031;

JUL-6-00 4:26PM;

Page 7

03687002:1404200

FIG. 47



LTS

665



FIG. 48

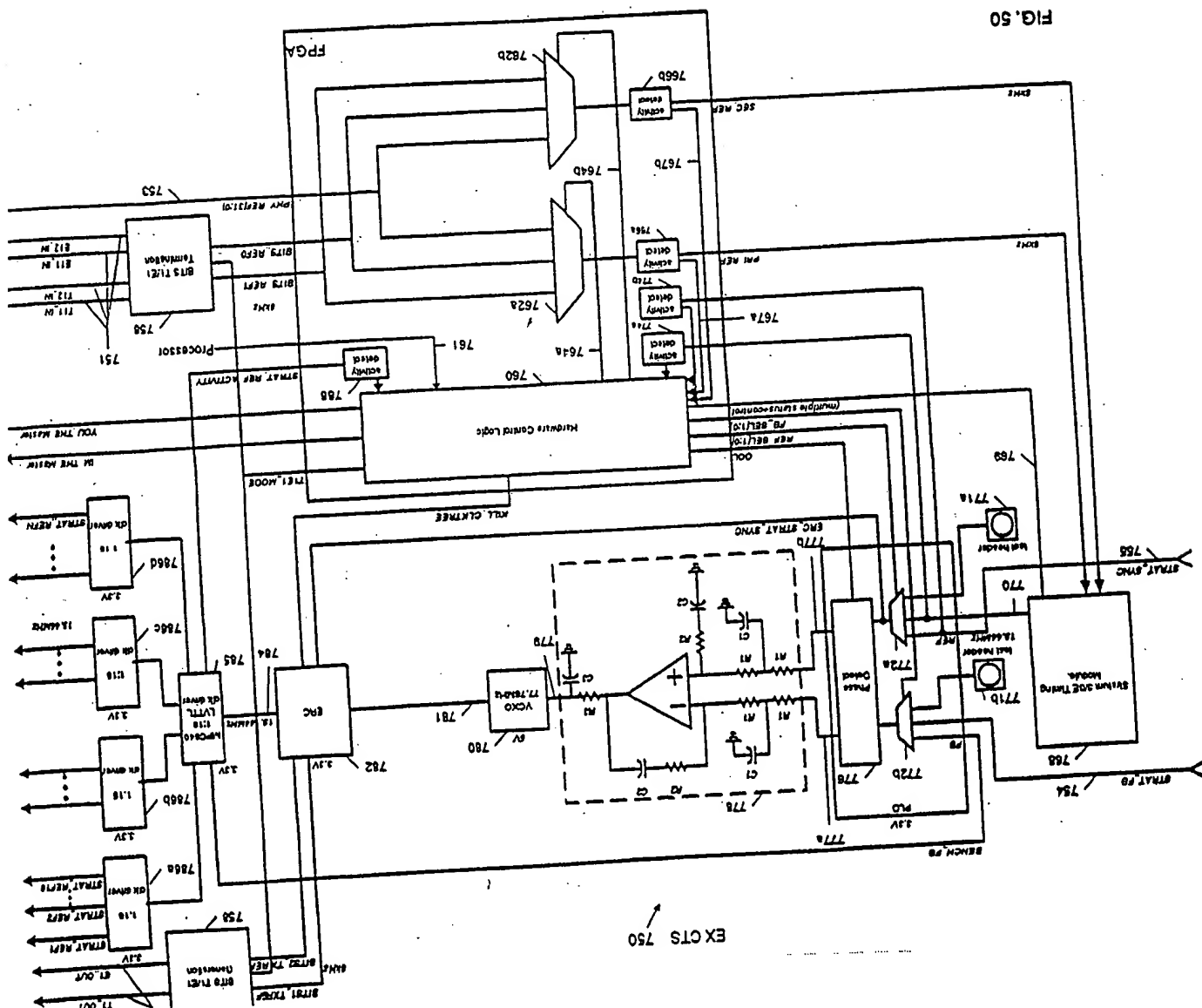
Sent By: Equipe Communications;

781 795 2031;

JUL-6-00 4:27PM;

Page 10

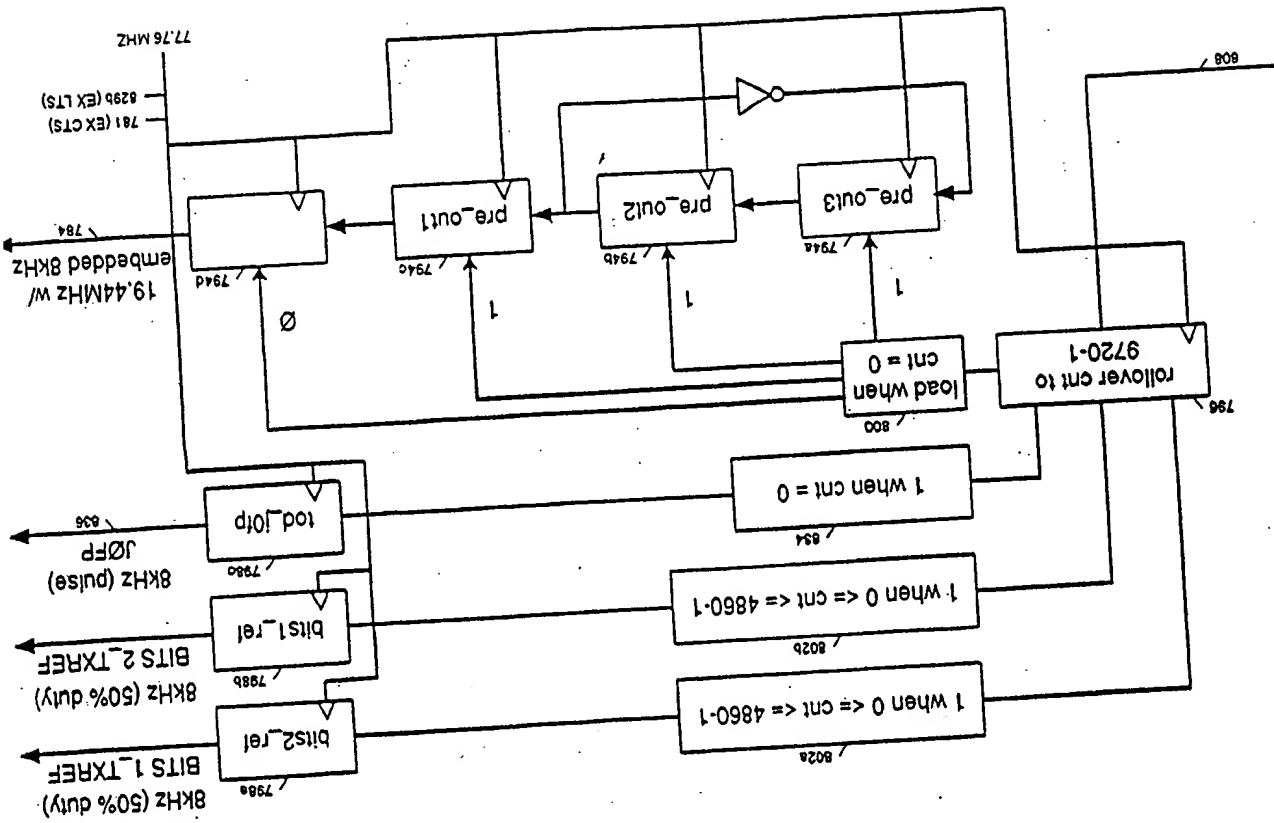
FIG. 50



EX CTS 750

00000000 - 00000000

Fig. 52



792

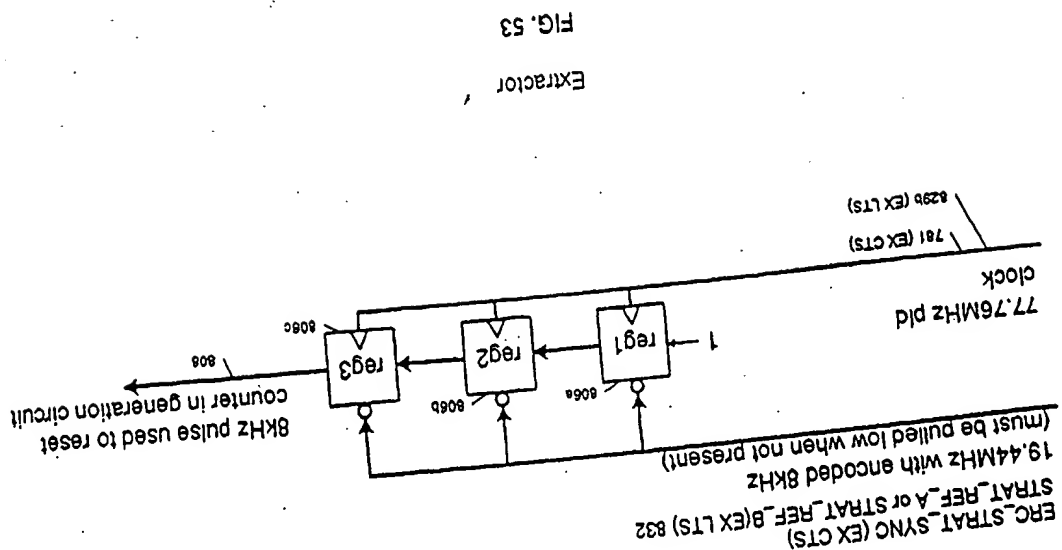
Sent By: Equipe Communications;

781 795 2031;

JUL-6-00 4:28PM;

Page 13/15

00000000000000000000000000000000



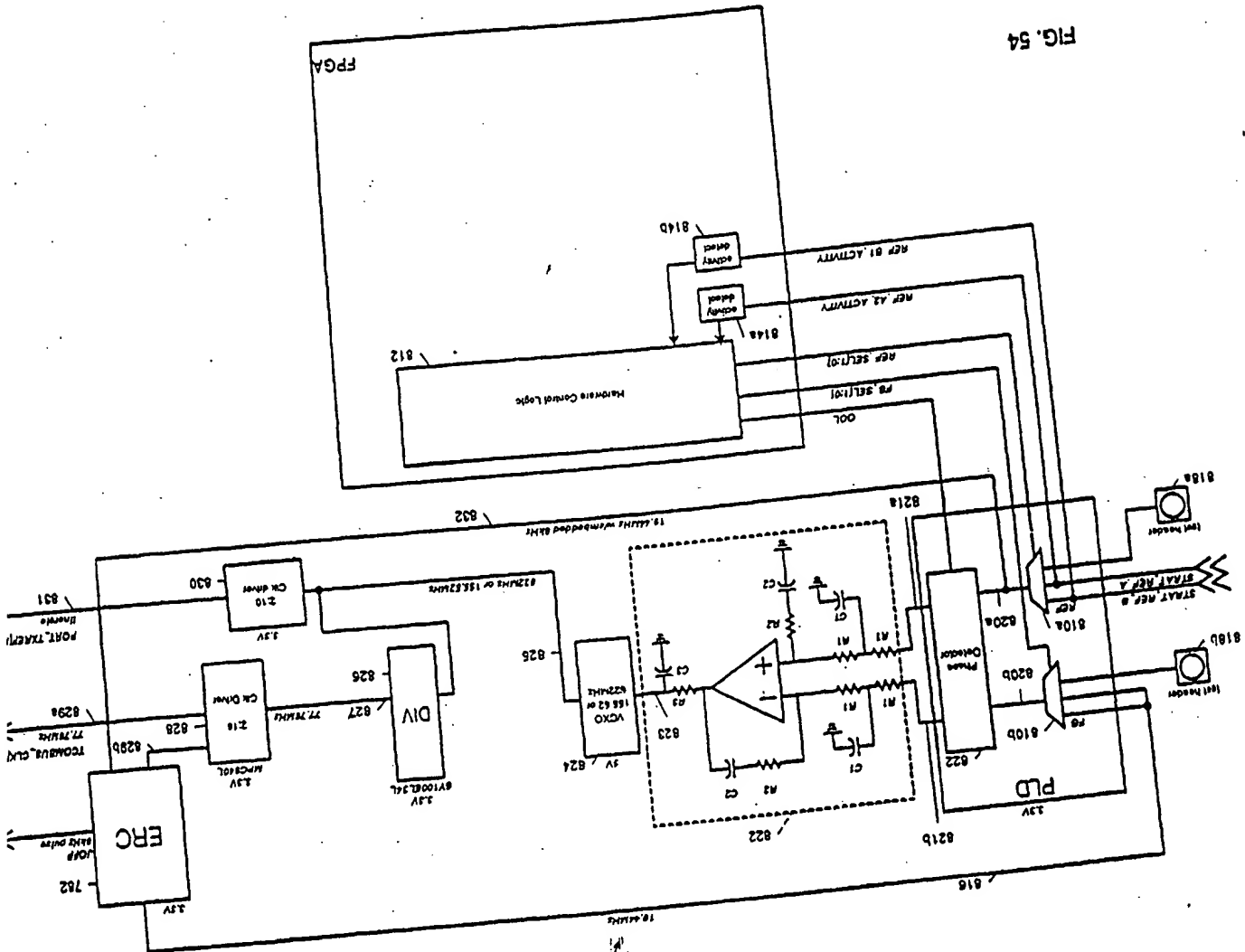
Sent By: Equipe Communications:

761 795 2031:

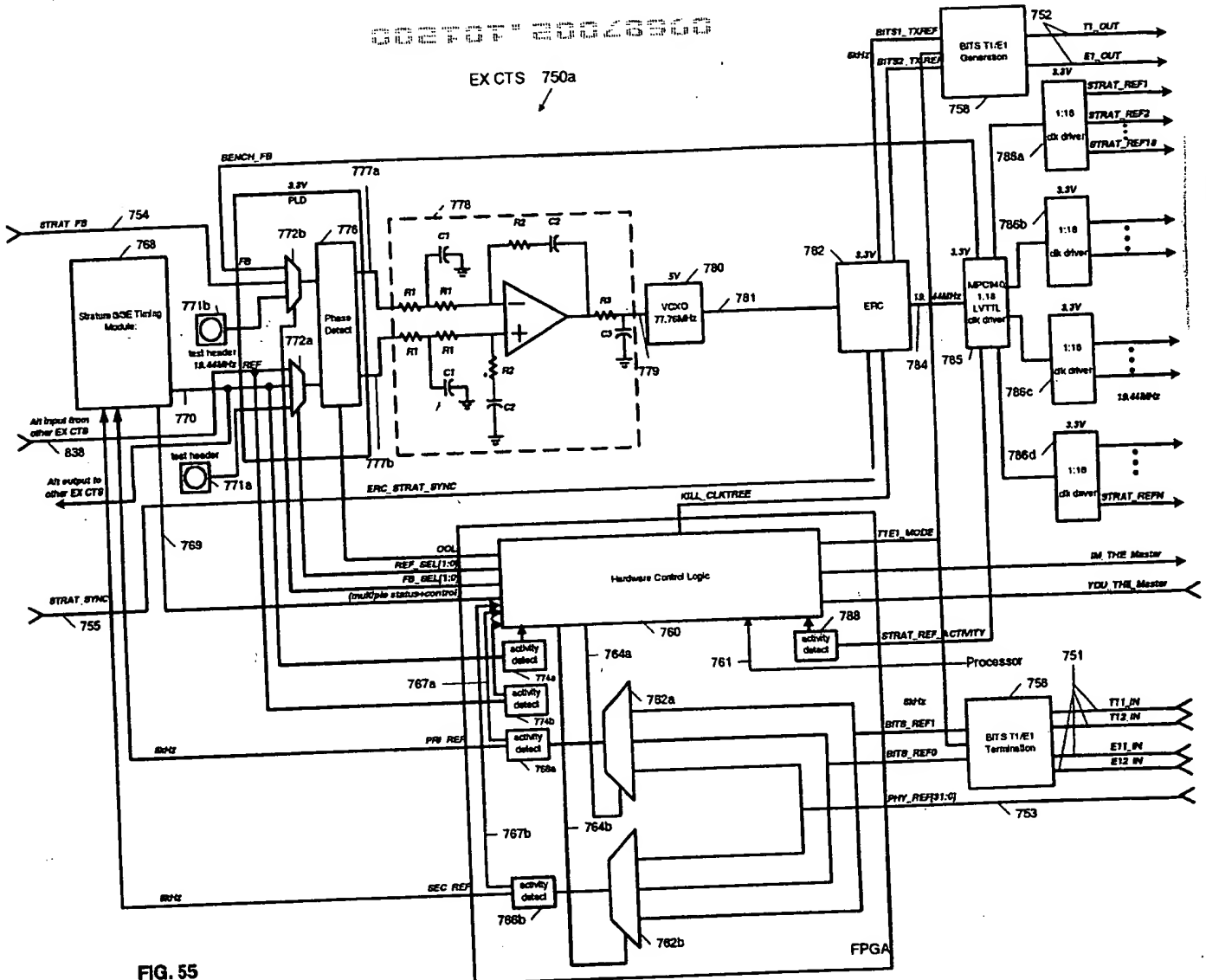
JUL-6-00 4:28PM:

Page 14/15

FIG. 54



EX CTS 750a



Page 2/2

Sent By: Equipe Communications;

781 795 2031;

JUL-12-00 3:57PM;

Page 3/5

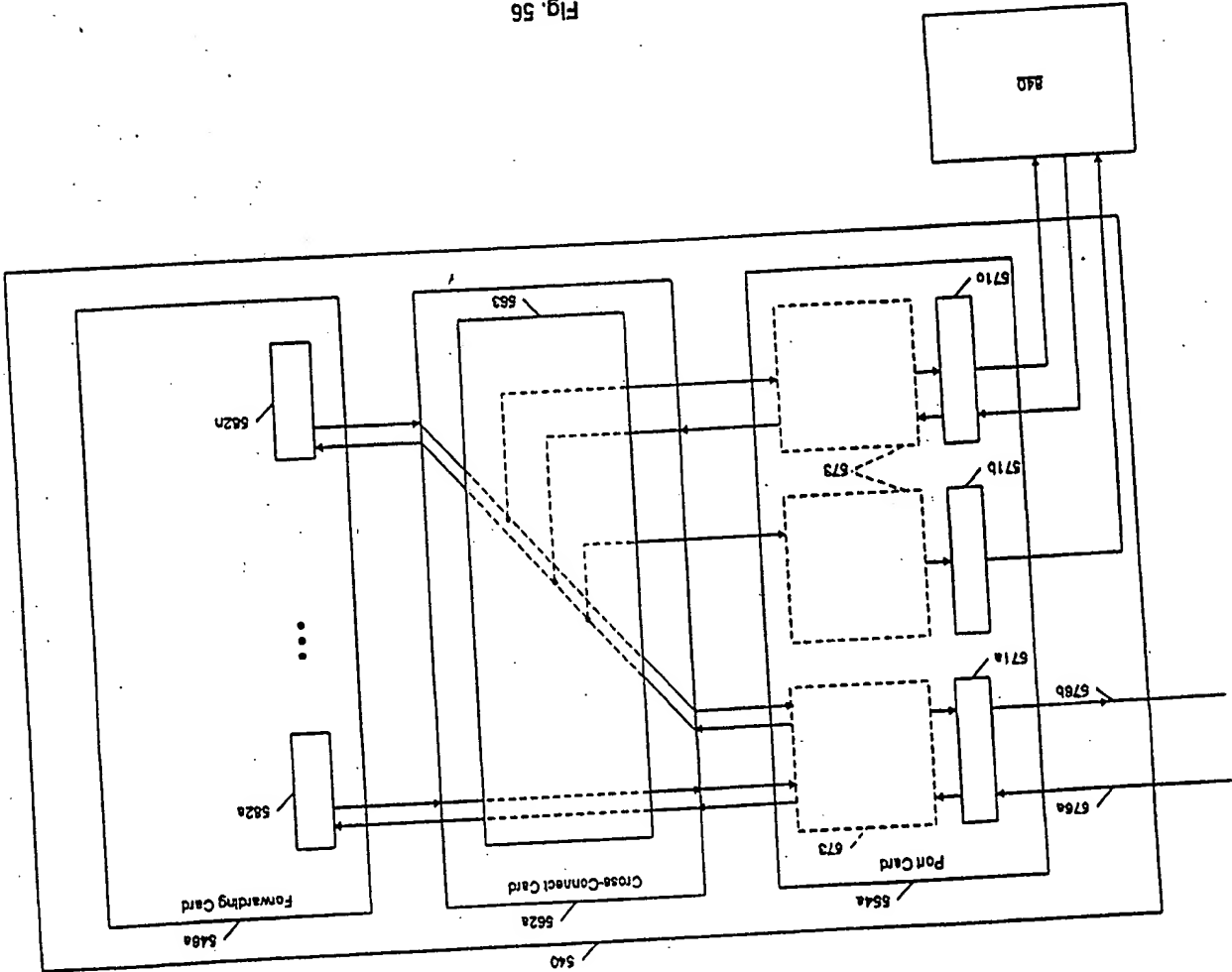


Fig. 56

09582002-104200

00000000-1042000

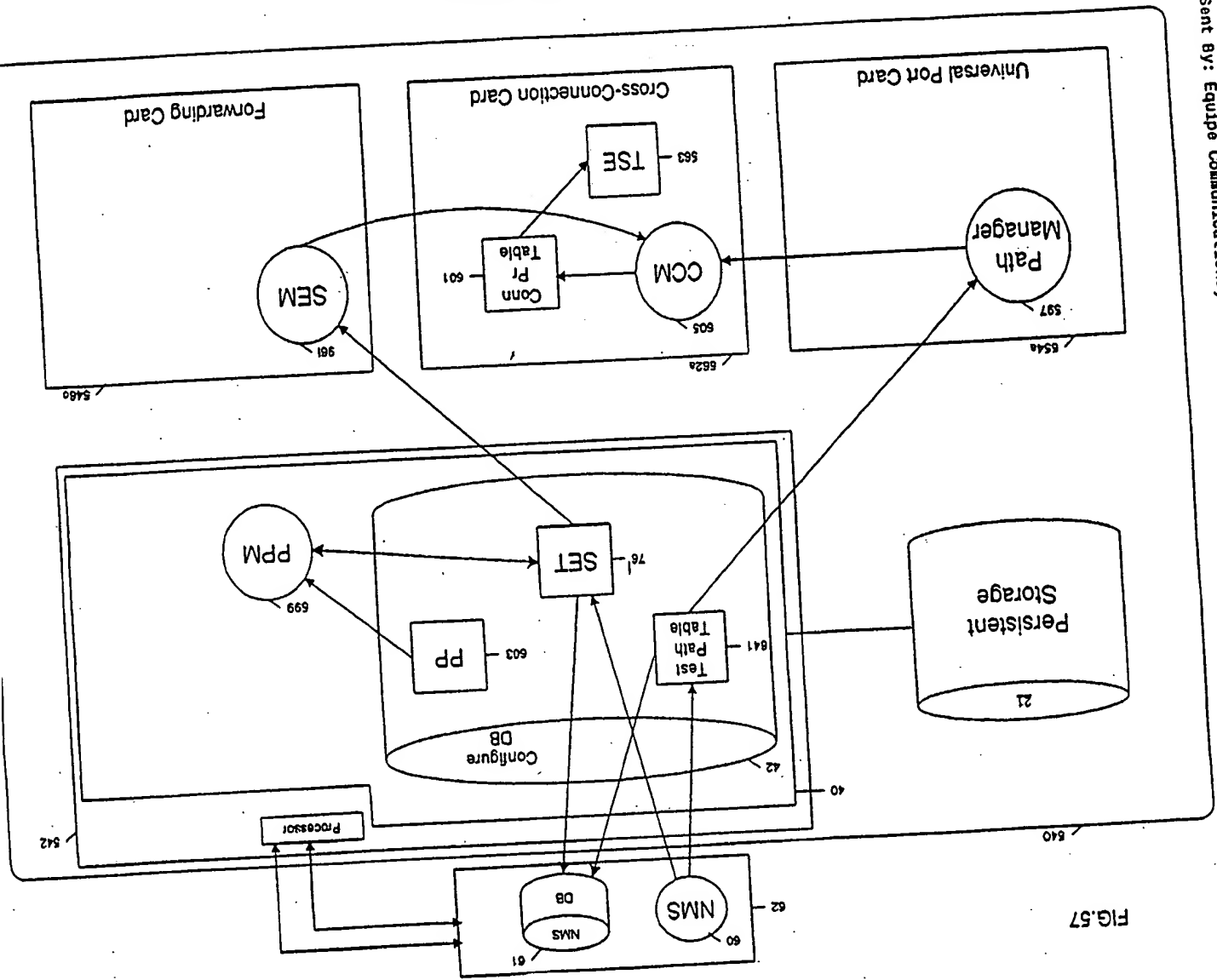


FIG. 57

Sent By: Equipe Communications;

781 795 2031;

Jul-12-00 3:57PM;

FIG. 58

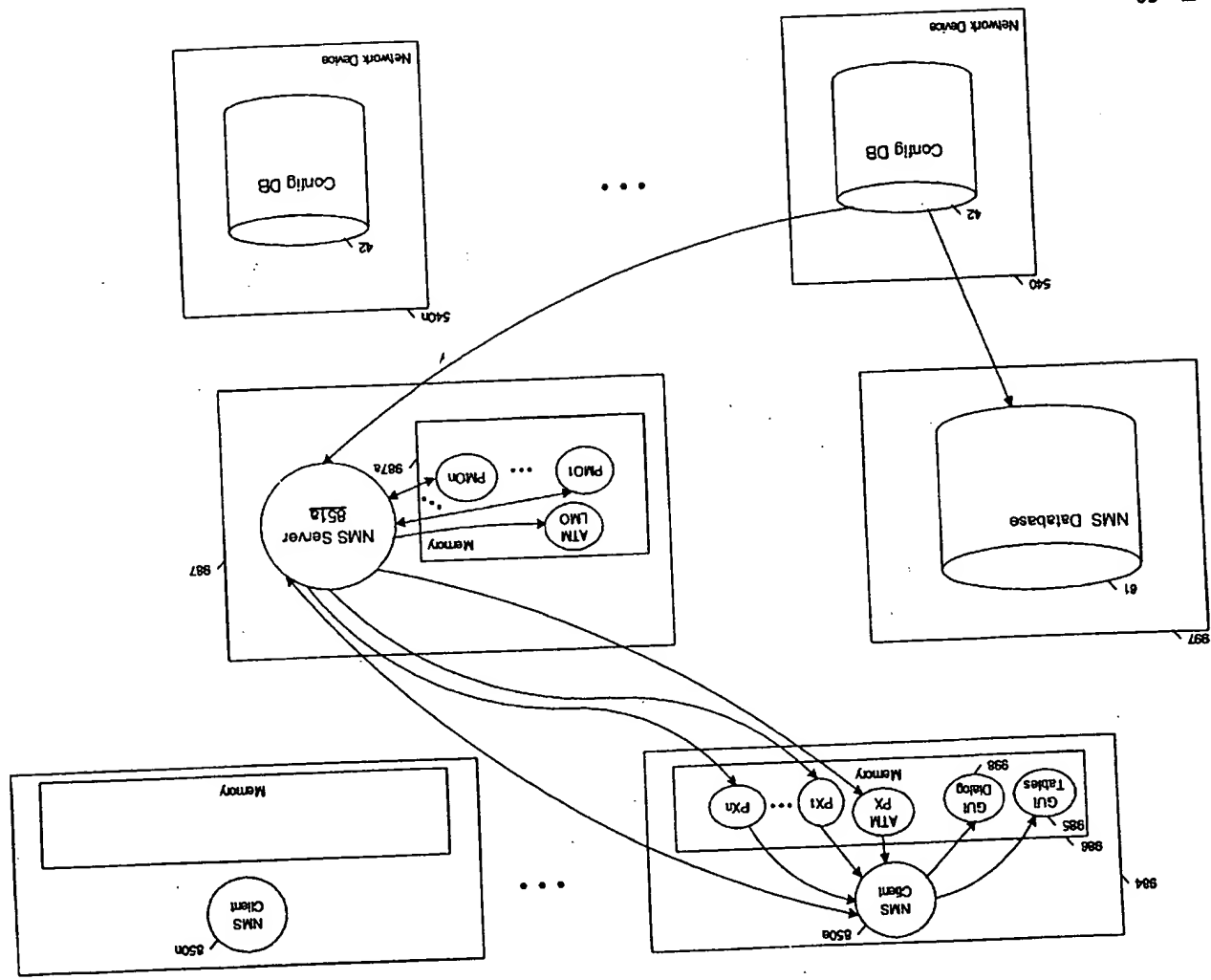
842	1666	1232	4	3	Ingress	No	...
843	1666	1233	4	3	Egress	No	
844	1666	1233	4	3	Ingress	Yes	

	UP	Port	Time Slot	# of Slots	Monitor	Enable	...
						Port	
						Receiver	

Test Path Table 841

00683002 - 1404200

Fig. 59



95092902 - 444242

FIG. 60e

...	131	0XF002	1	34	...
...	124	0X6002	1	24	...
...	121	0XF002	4	21	...
...	120	0XF002	3	20	...
PID	CWD TYPE	VERSION NO.	SLOT	PID	...

47a

47b

47c

CARD TABLE

00607002 - 101200

FIG. 60f

PID	PORT TYPE	VERSION NO.	CARD	PID	...
49a				49b	49c
300	00620	1	20		
301	00620	1	20		
302	00620	1	20		
303	00620	1	20		
304	00820	1	20		
400	00620	1	39		
...					

PORT TABLE

FIG. 60g

600a	Path LID	901	⋮
600b	Port PID	304	⋮
	Time Slot	4	⋮
	# of Time Slots	3	⋮
	...		⋮

SONET Path Table 600

00000000 - 104000

FIG. 60h

SE	LID	3000	:
#	Q		:
FC	PID		:
FC	Slice		:
FC	Time		:
Path	LID	901	:
...			:

Service EndPoint Table 76 "

00602002 104200

Fig. 60j

Virtual ATM IF Table

983a					983b	993
LID	A1	...	An	ATM IF LID		
7489				5054		
⋮	⋮	⋮	⋮	⋮		

Fig. 60k

Virtual Connection Table

994a					994b	994
LID	A1	...	An	Vir. ATM IF LID		
⋮	⋮	⋮	⋮	⋮		

Fig. 60L

Virtual Link Table

995a					995b	995c	995
LID	A1	...	An	Vir. Conn. LID			
⋮	⋮	⋮	⋮	⋮			

Fig. 60m

Cross-Connect Table

996a					996b	996c	996
LID	A1	...	An	Vir. Link1 LID			
⋮	⋮	⋮	⋮	⋮			

02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

09627032 - 404200

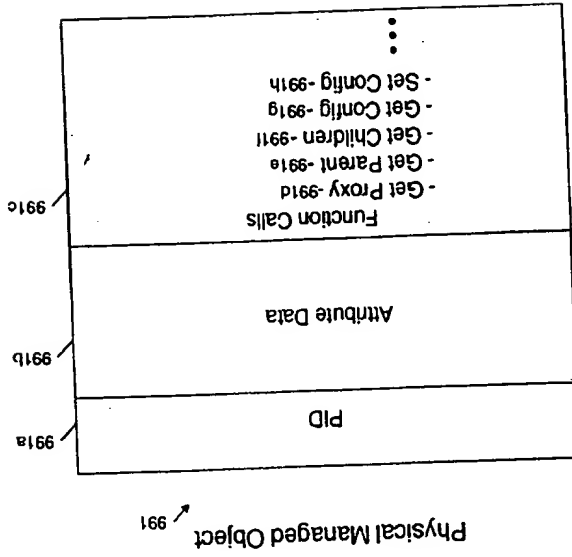


Fig. 61a

00000000 - 00000000

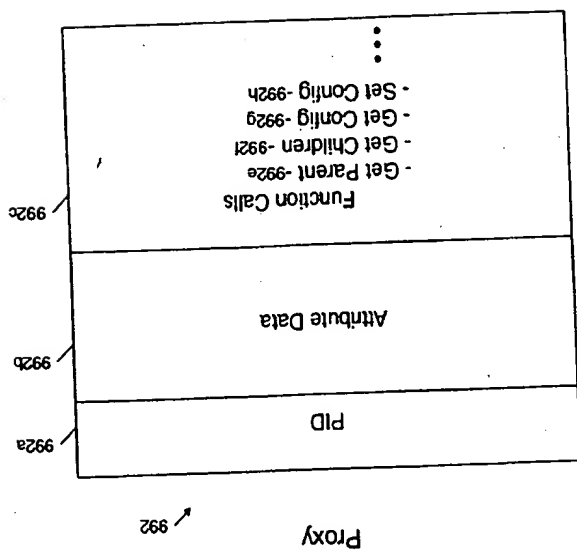


Fig. 61b

895

8987
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8999
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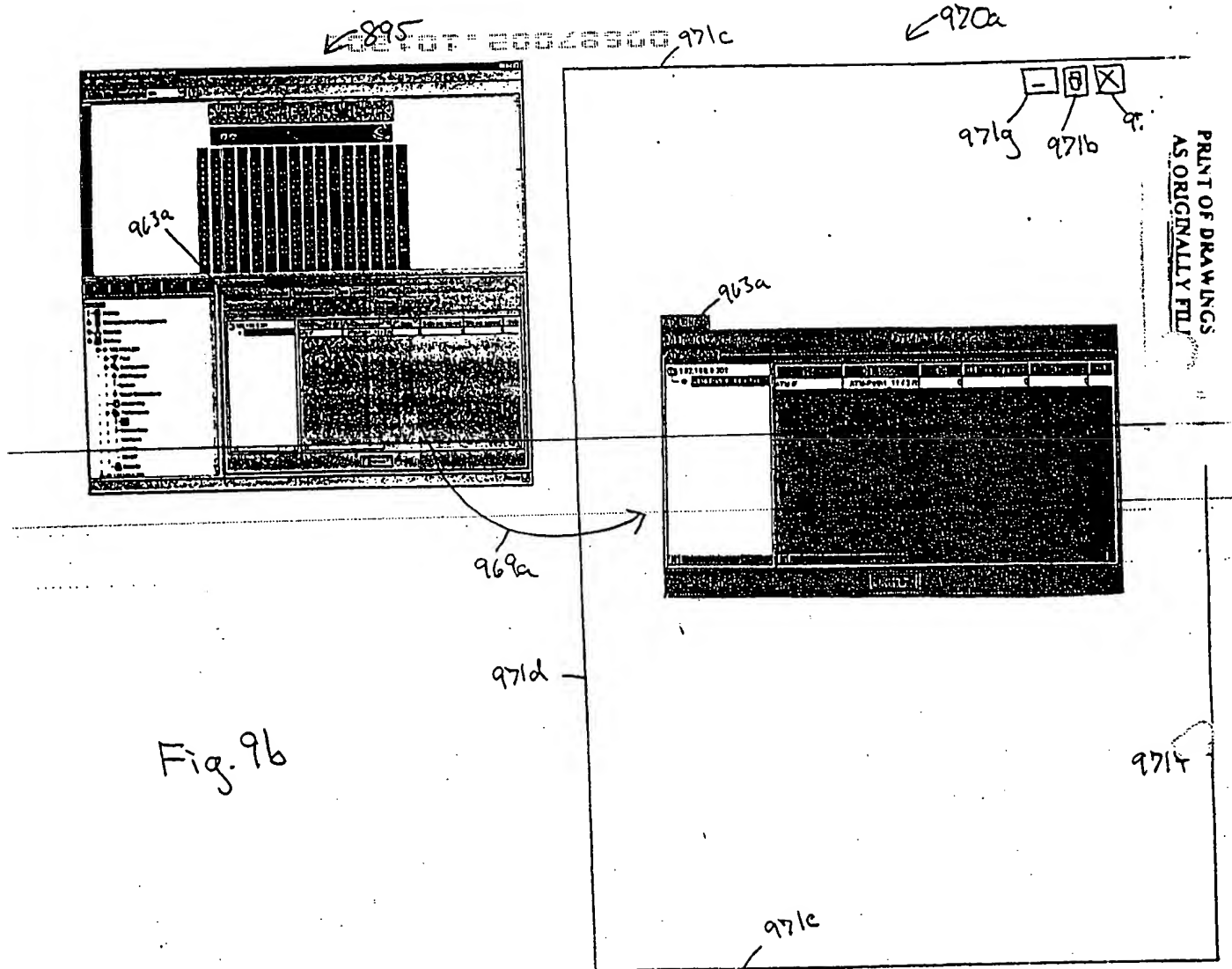


Fig. 9b

PRINT OF DRAWINGS
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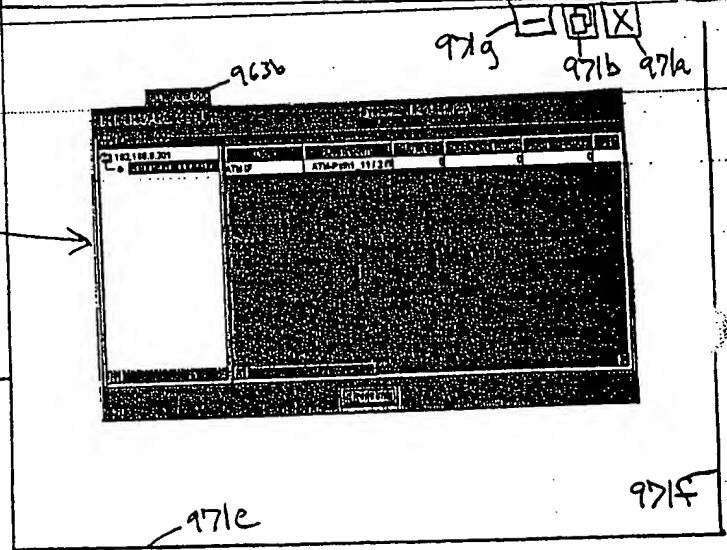
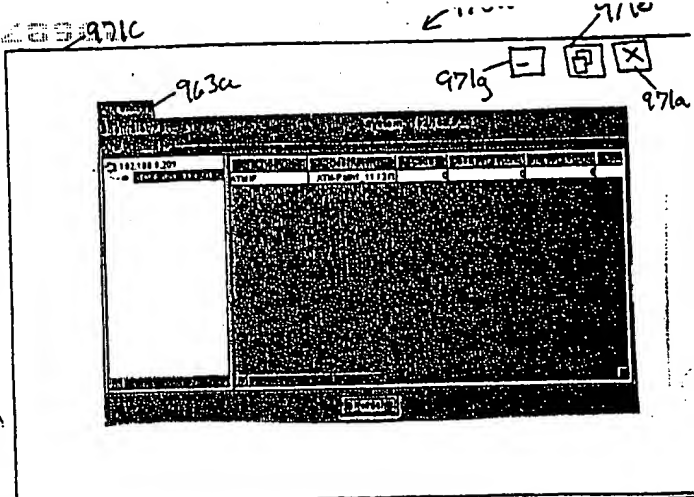
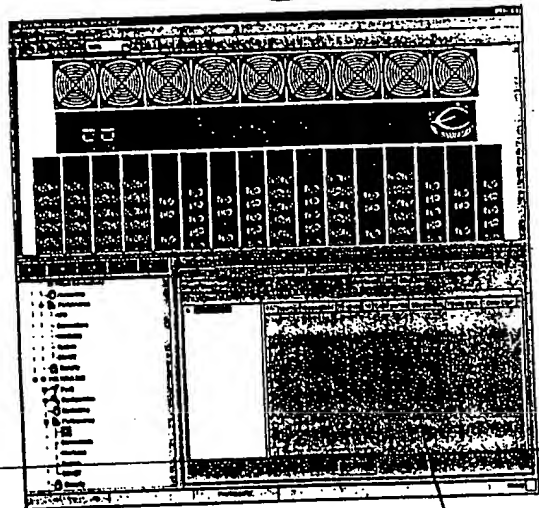


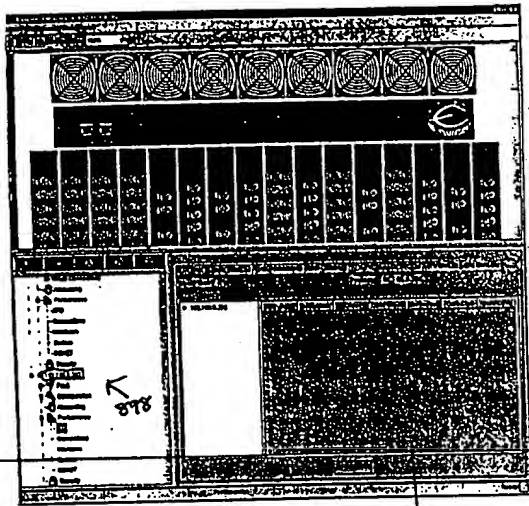
Fig. 9c

969b

971d

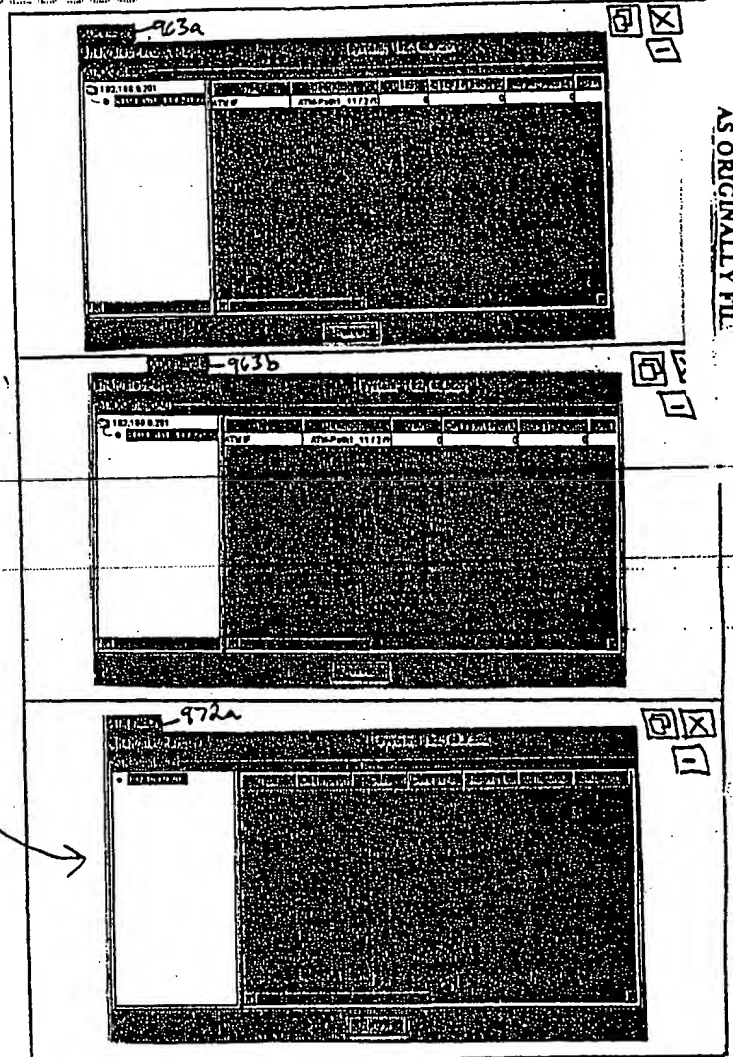
895002707-20028960

KT109



969c

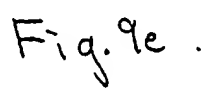
Fig. 9d



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002707 20028500

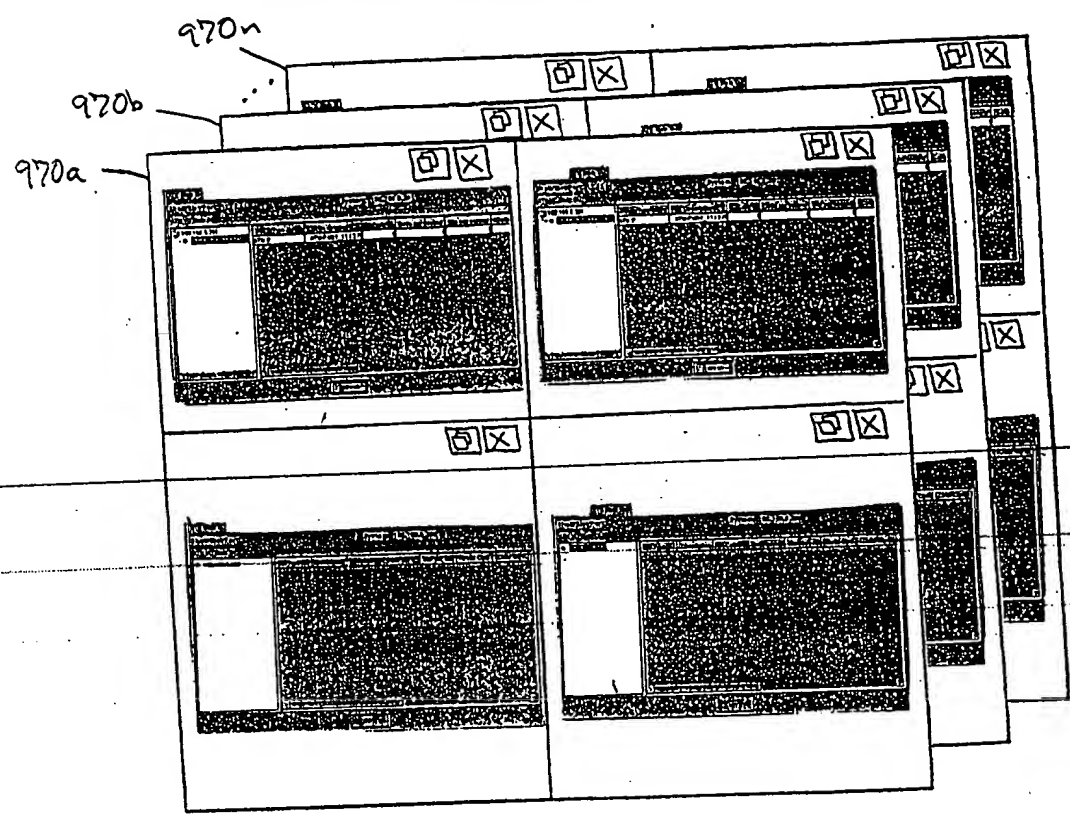
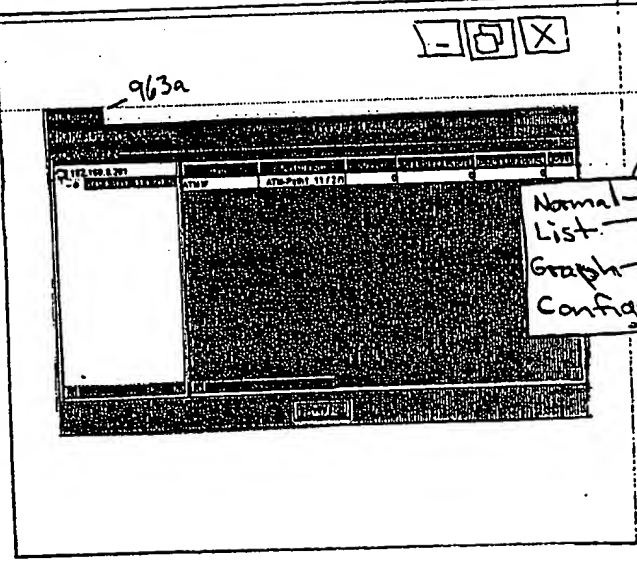
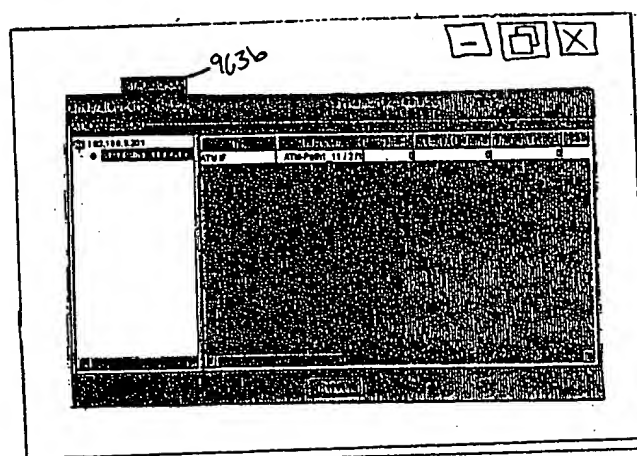


Fig. 9f

002F07-20020300 970a



- 973
- Normal - 973a
- List - 973b
- Graph - 973c
- Config - 973d

Fig. 9g

00310F-20020000 970a

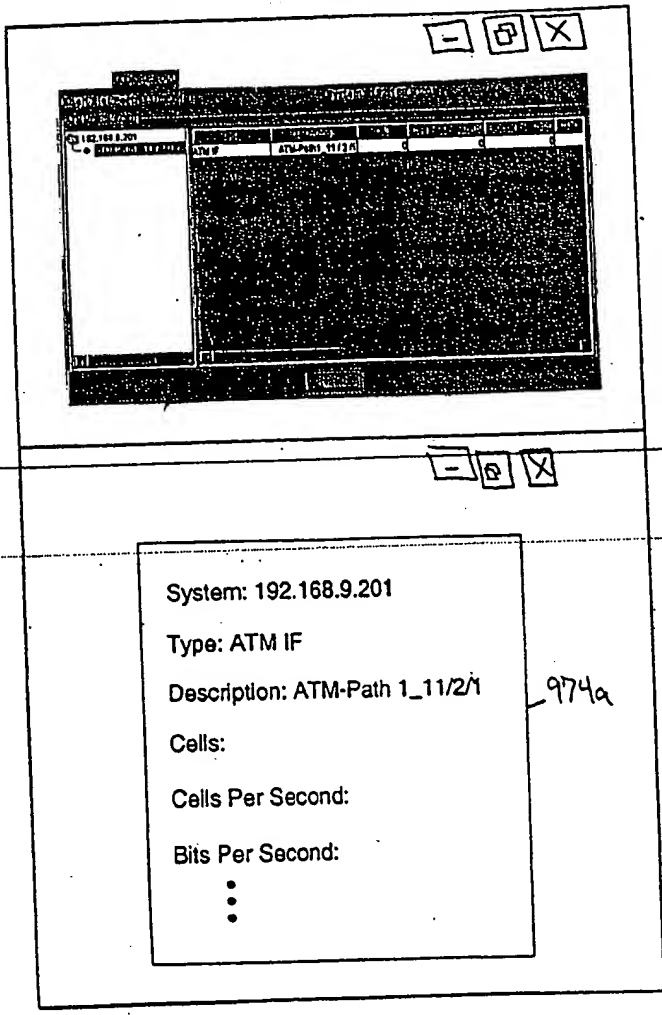


Fig. 9h

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00207-20020500

← 110a

PRINT OF DRAWINGS
AS ORIGINALLY FILED

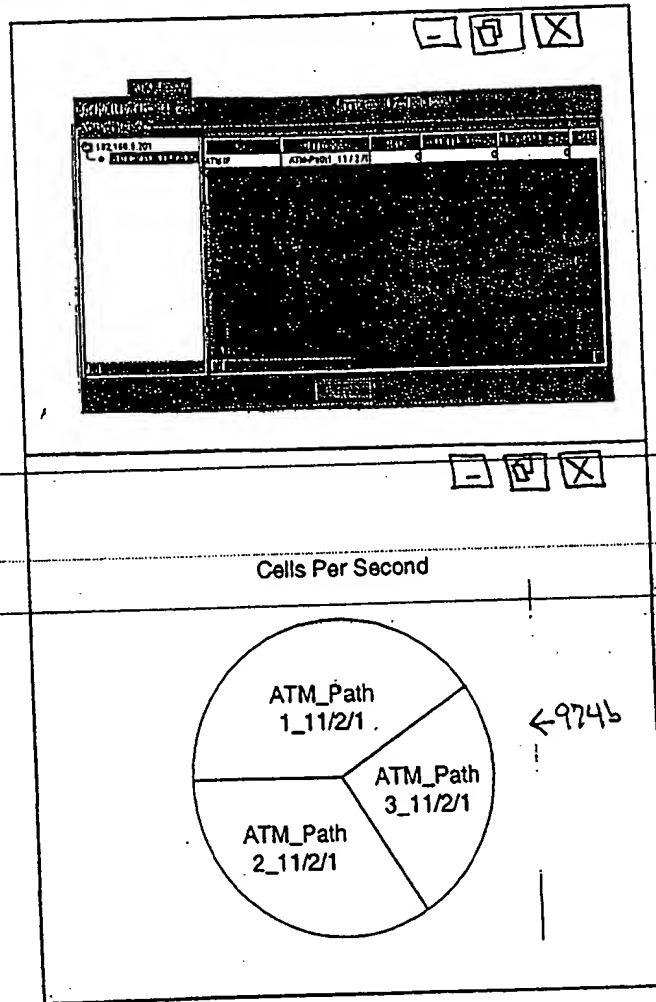


Fig. 9i

002F07-20020110a

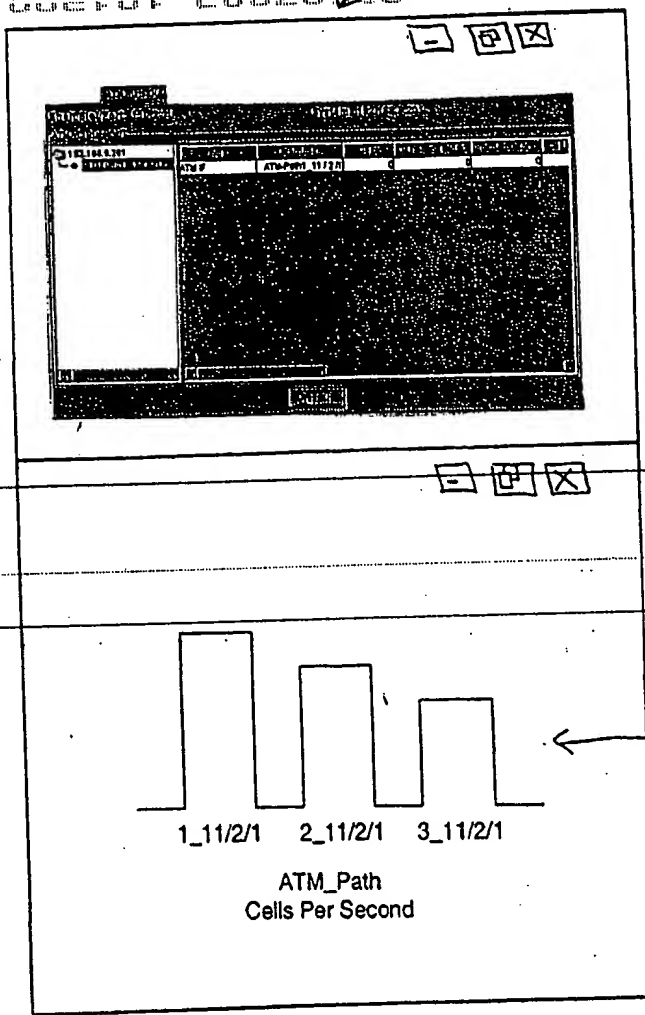


Fig. 9j

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PRINT OF DRAWINGS
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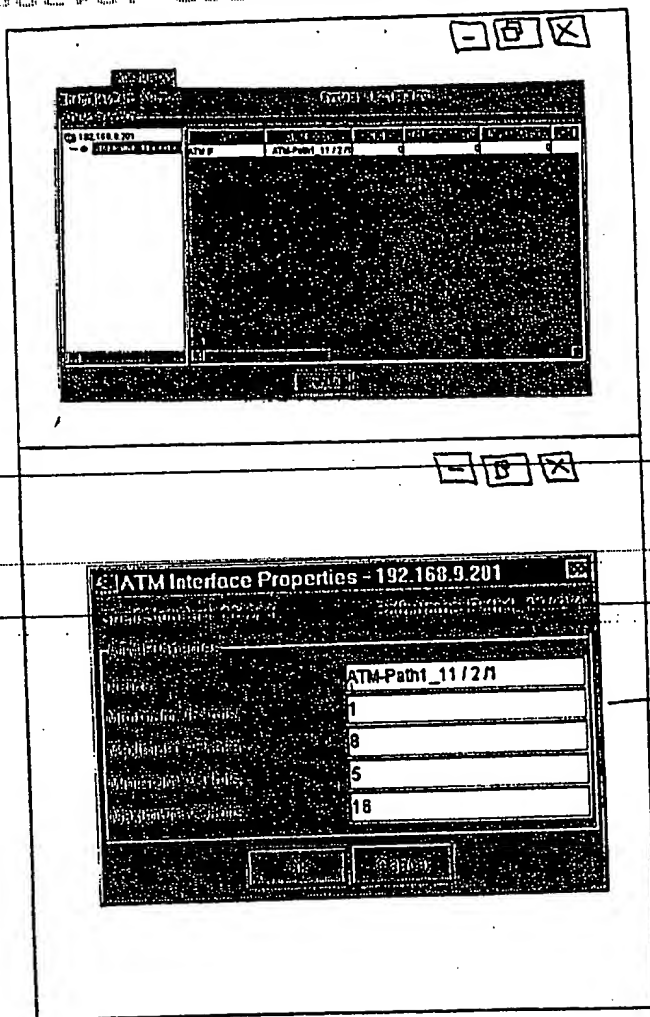


Fig. 9K

9742

002F0F 20060900

PRINT OF DRAWINGS
AS ORIGINALLY FILED

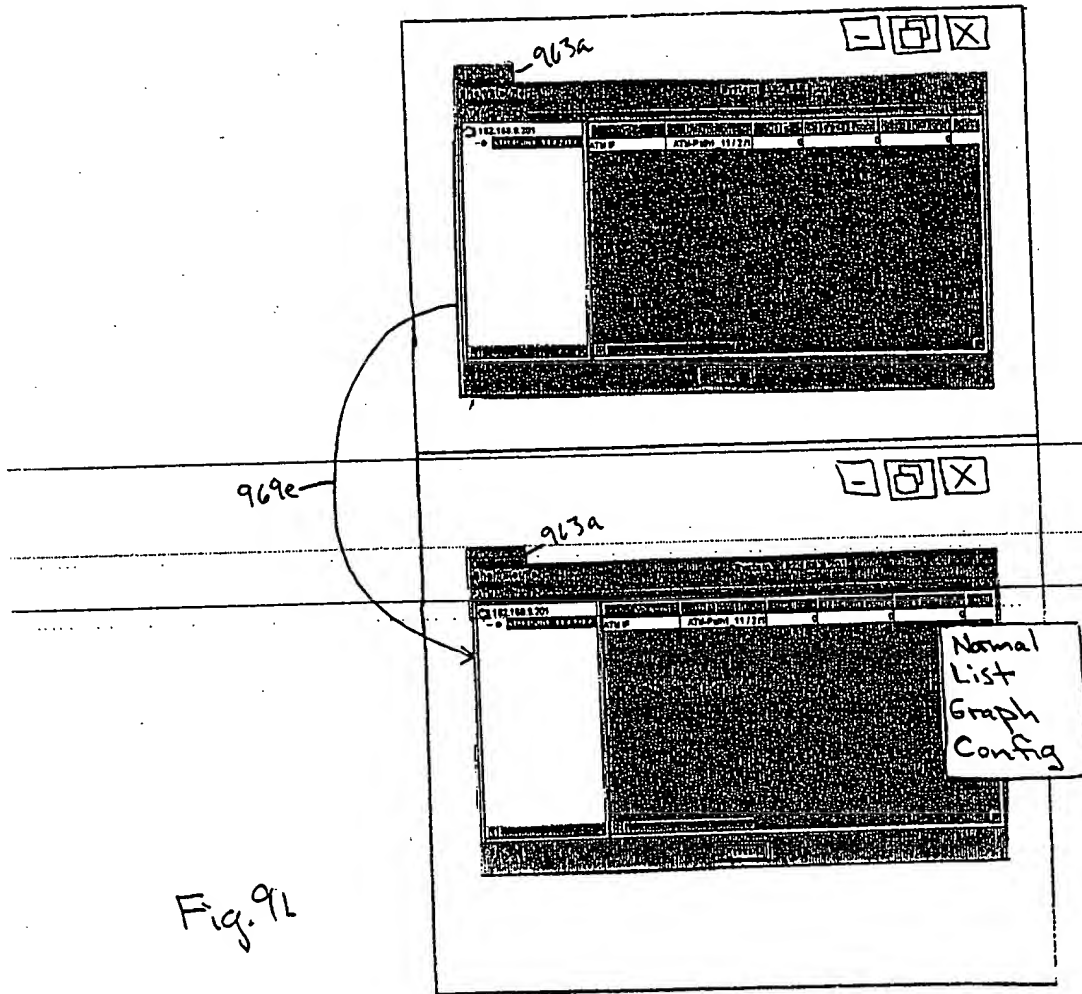


Fig. 91

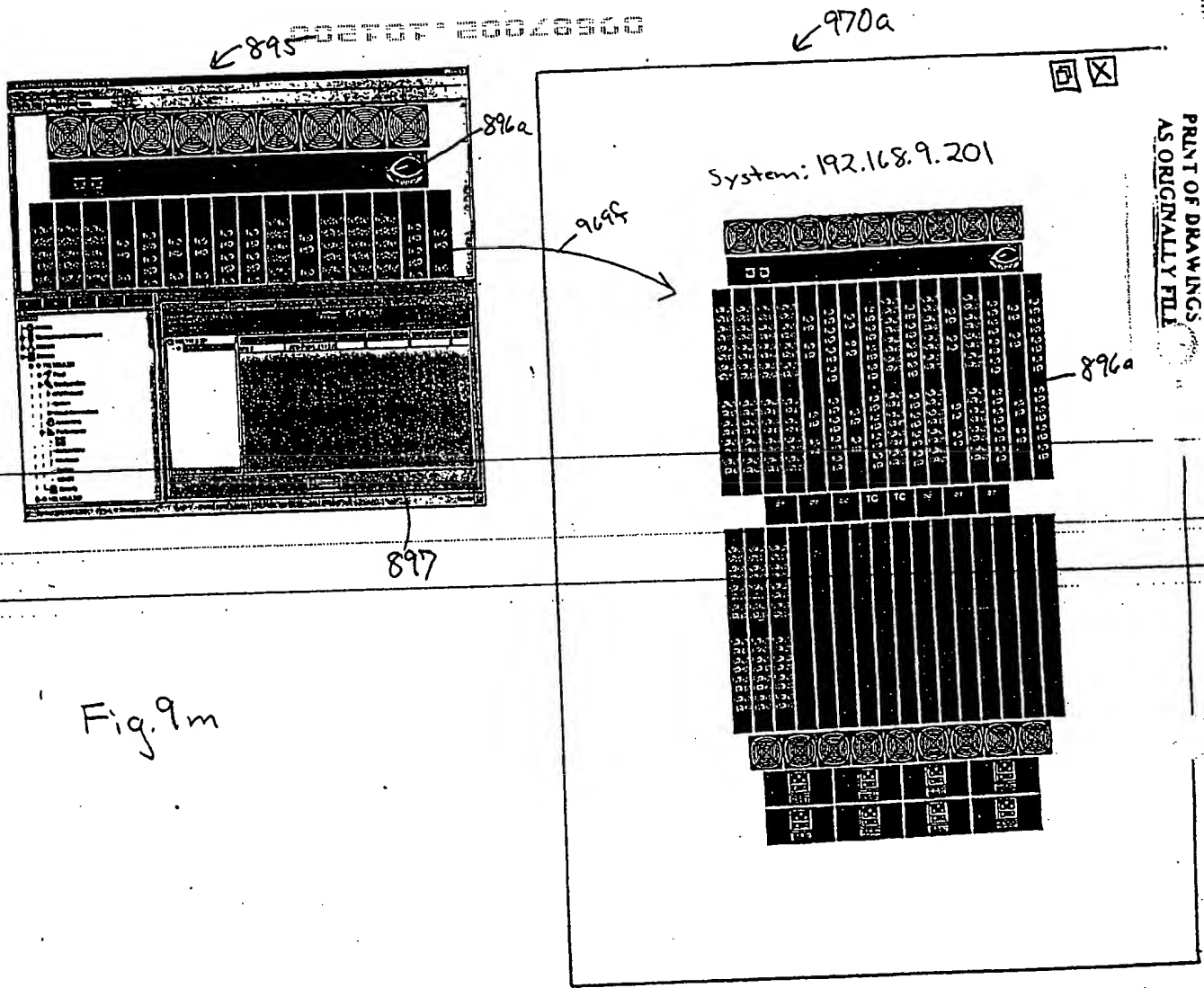
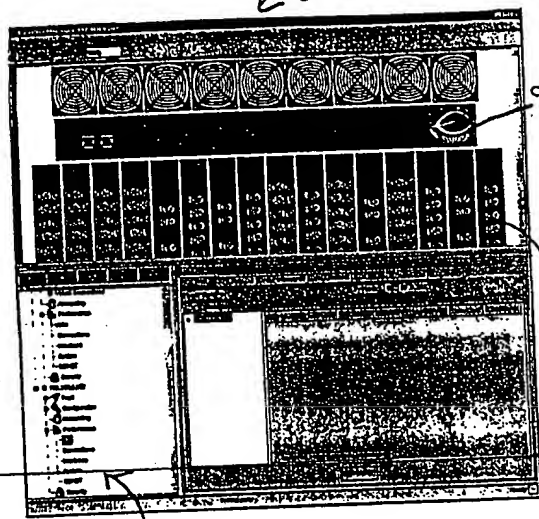


Fig. 9m

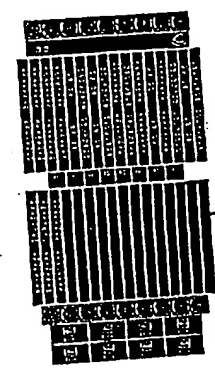
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AS ORIGINALLY FILED

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970a



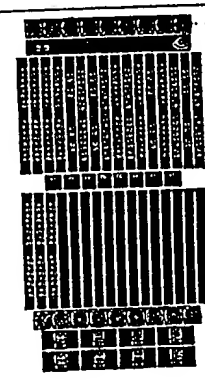
System:
192.168.9.201



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898

System:
192.168.9.202



975

Fig. 9n

9699

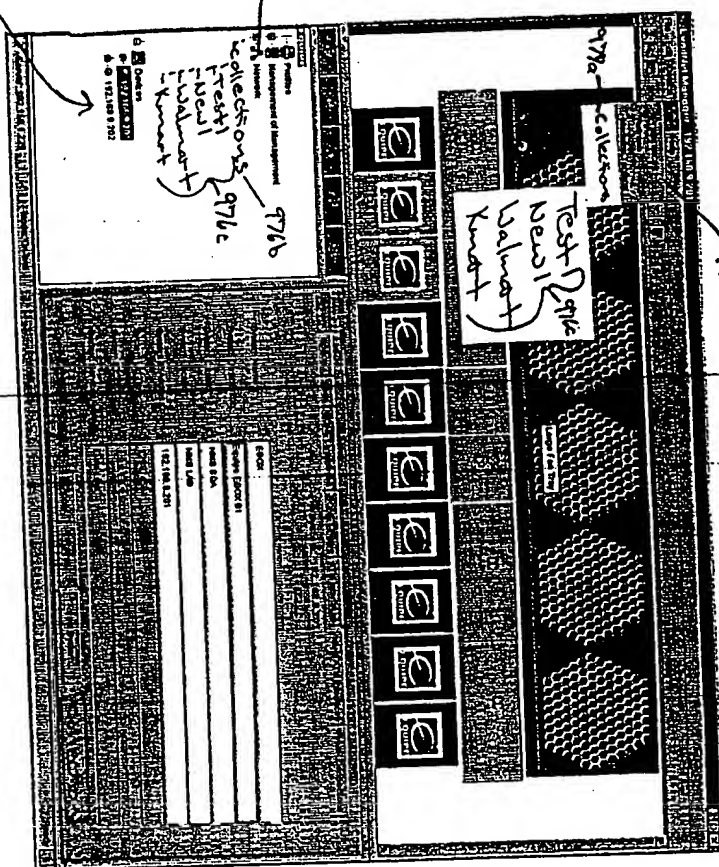
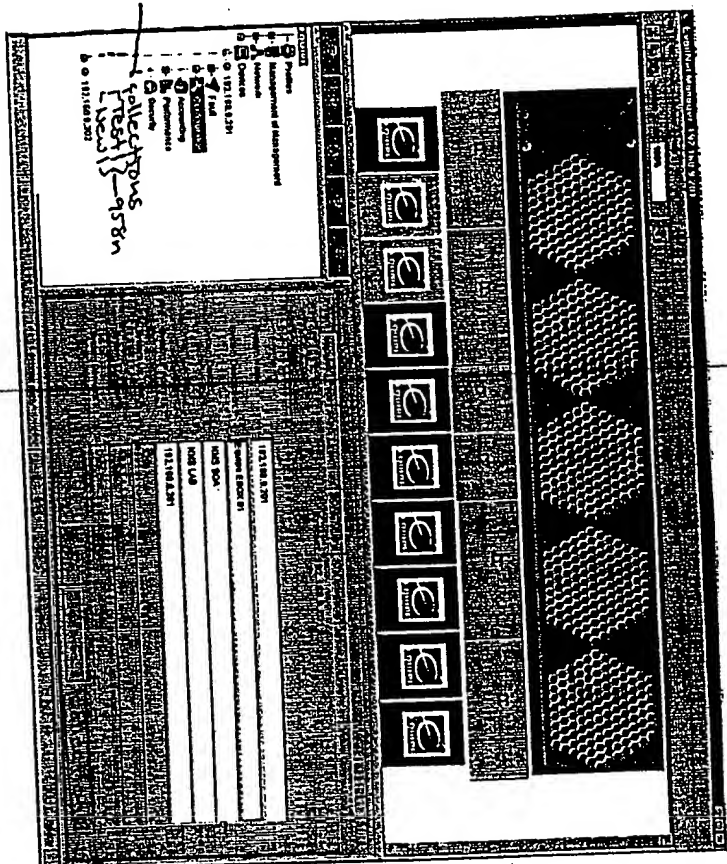


Fig. 10a

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958m —————
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- new

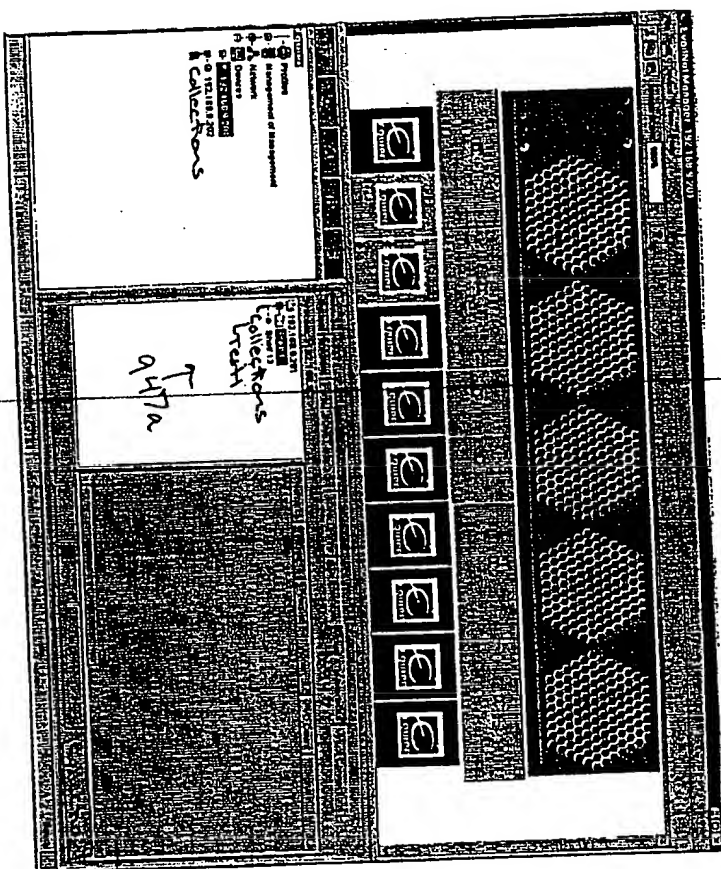


Fig. 10c

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895

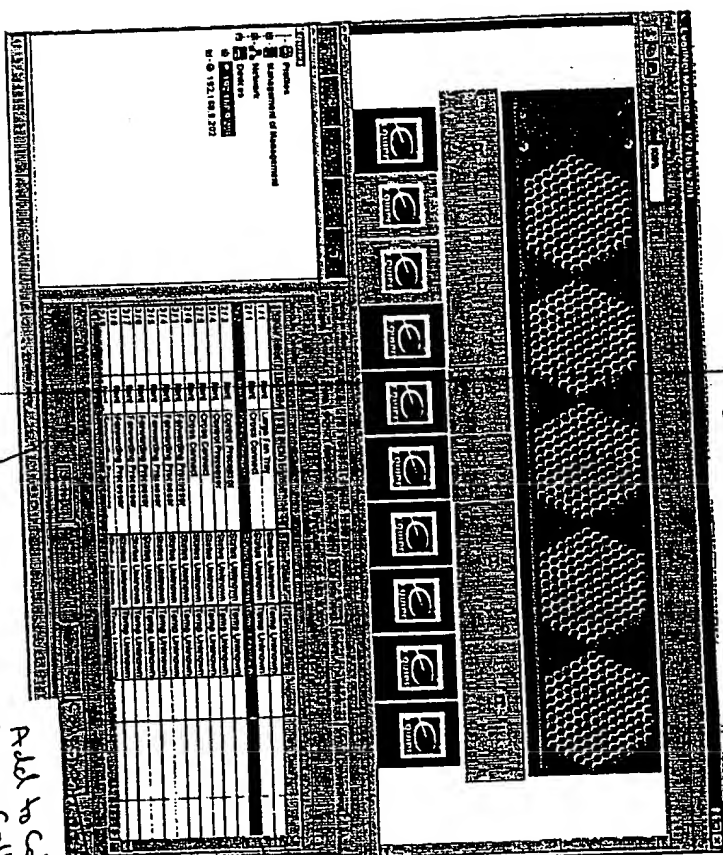


Fig. 10d 897

Add to Collection
New Collection

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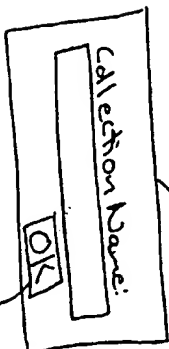


Fig. 10c 979c

979f

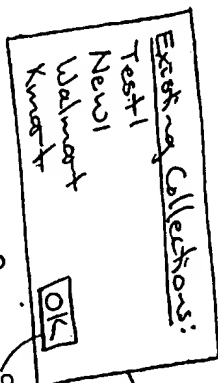
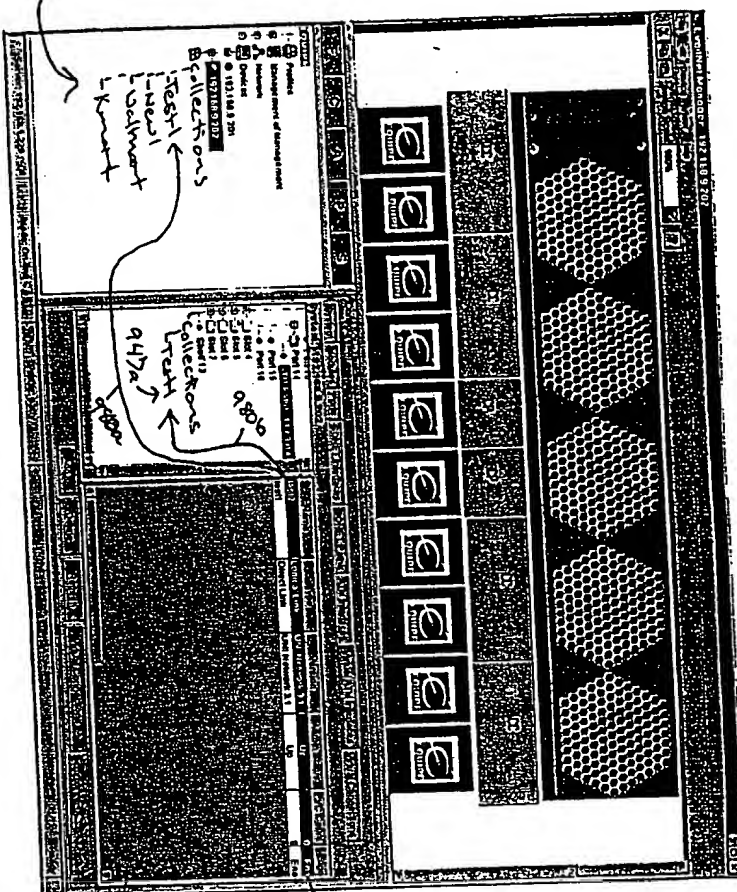


Fig. 10f 979g

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895 2031

Fig. 11e

General Policies Servers Devices

Primary Server:

Primary Server Port:

Secondary Server:

Secondary Server Port:

192.168.1.220

6500

192.168.1.205

6504

OK Cancel

General Policies Servers Devices

Device	IP Address	Port	Protocol
Office	192.168.8.202	public	equipe
	192.168.8.205	public	equipe
	192.168.8.216	public	equipe

162

162

5012

OK Cancel

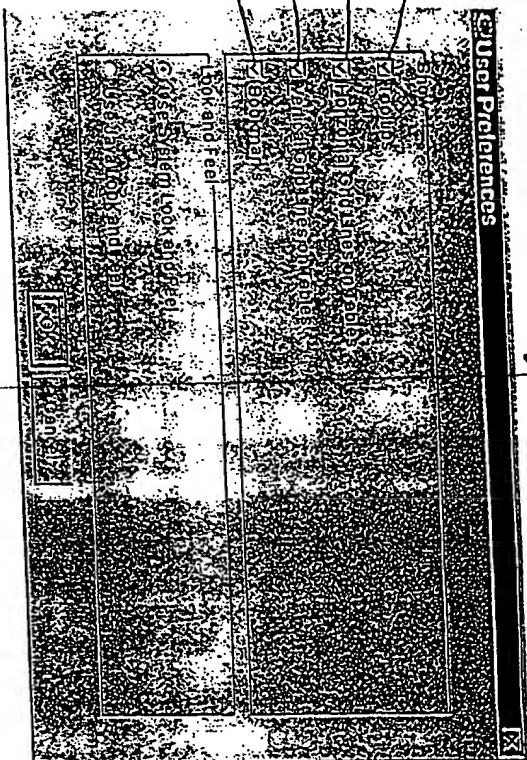
Fig. 11f

0 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99

785 2031;
909

Sep-15-00 4:47PM;

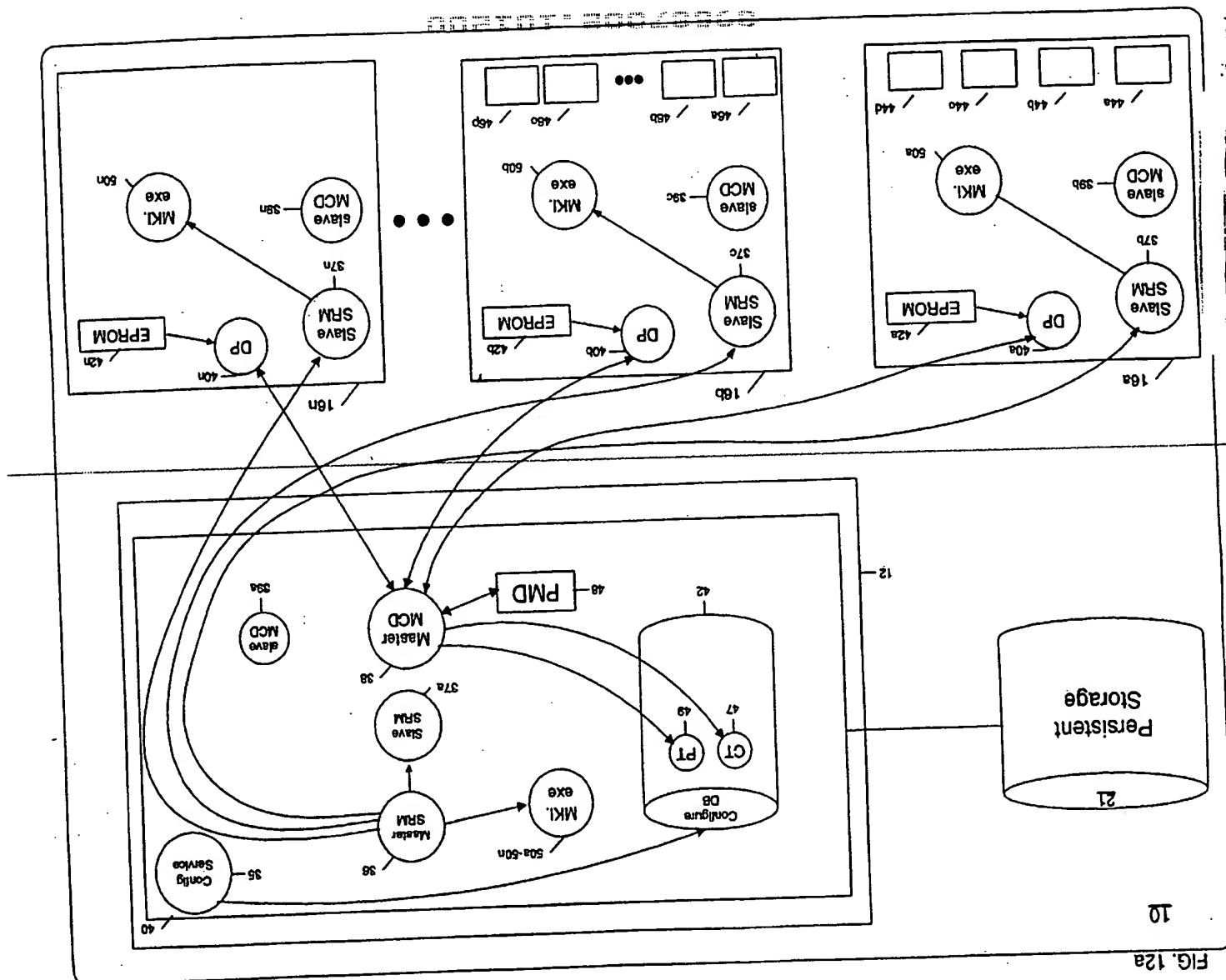
Page 13/21



0 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99

Fig. 11

FIG. 12a



CARD TABLE

PID	CWD TYPE	VERSION NO.	SLOT NO.	...
16 a	500	0XF002	3	1
16 b	501	0XF002	4	2
16 e	505	0X6002	1	5
16 n	513	0XF002	1	12

FIG. 12b

00697002 - 101300

FIG. 12c

67

PORT TABLE

00682002 404200

FIG. 13b

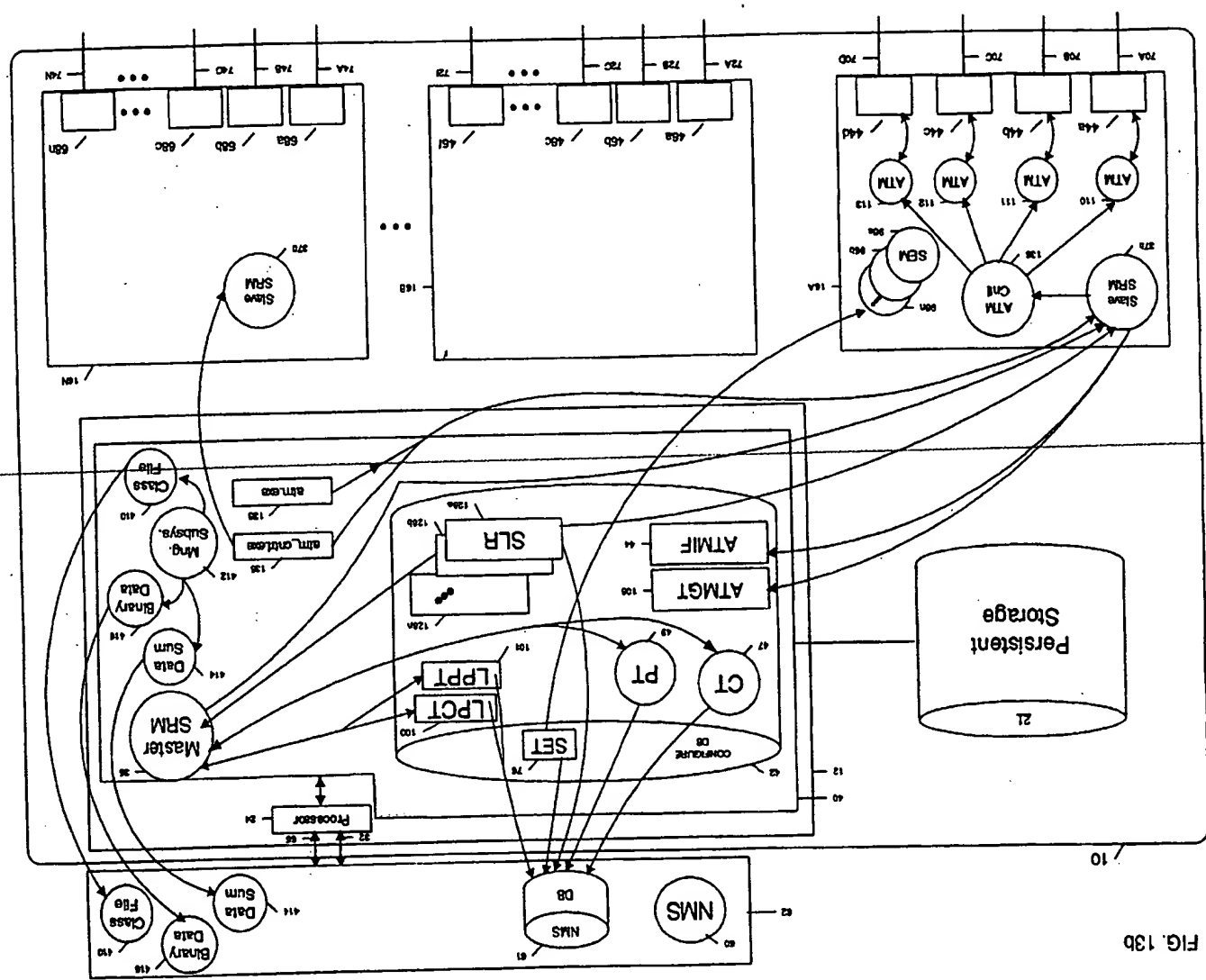
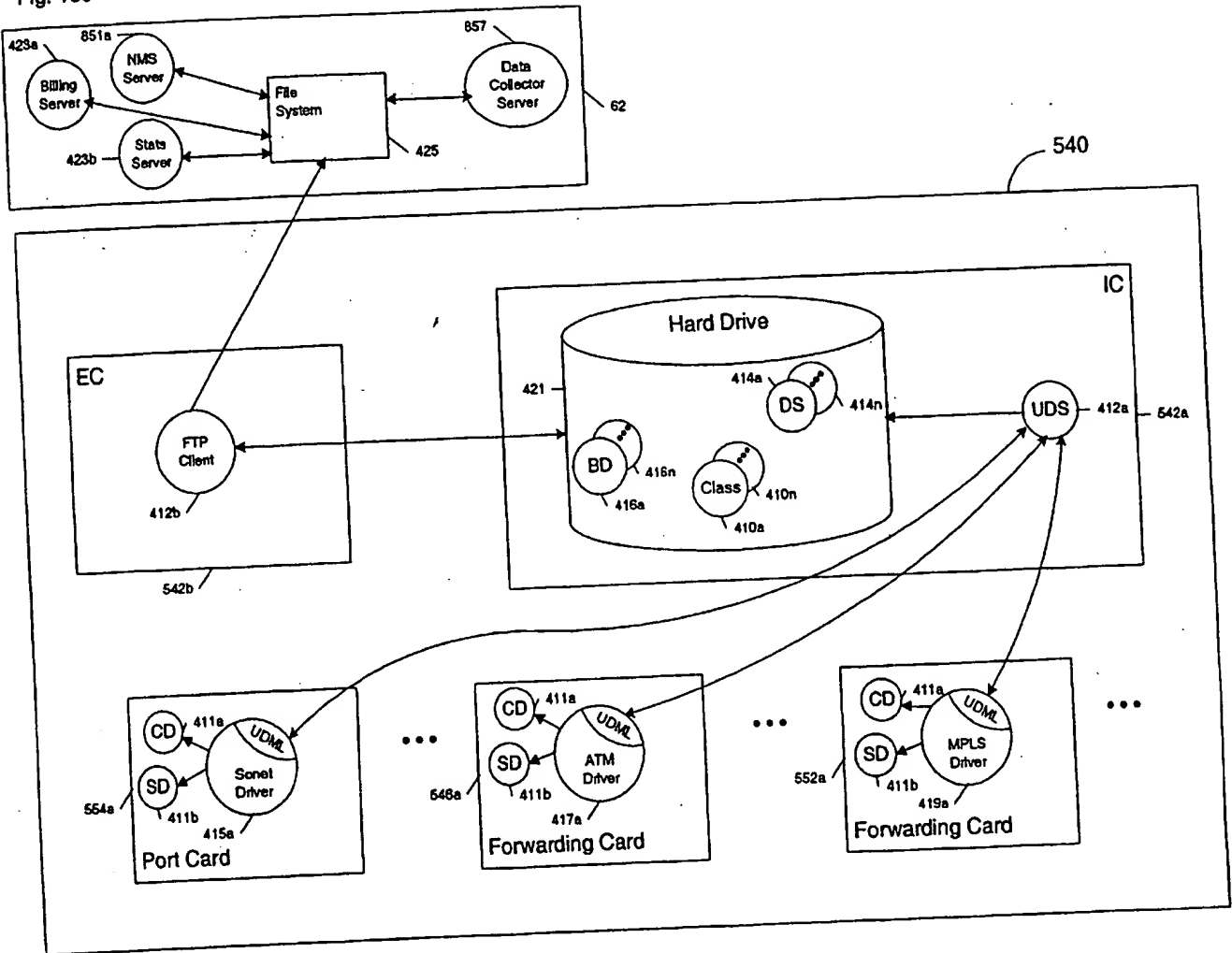


Fig. 13c



002767-20028900

Fig. 13d

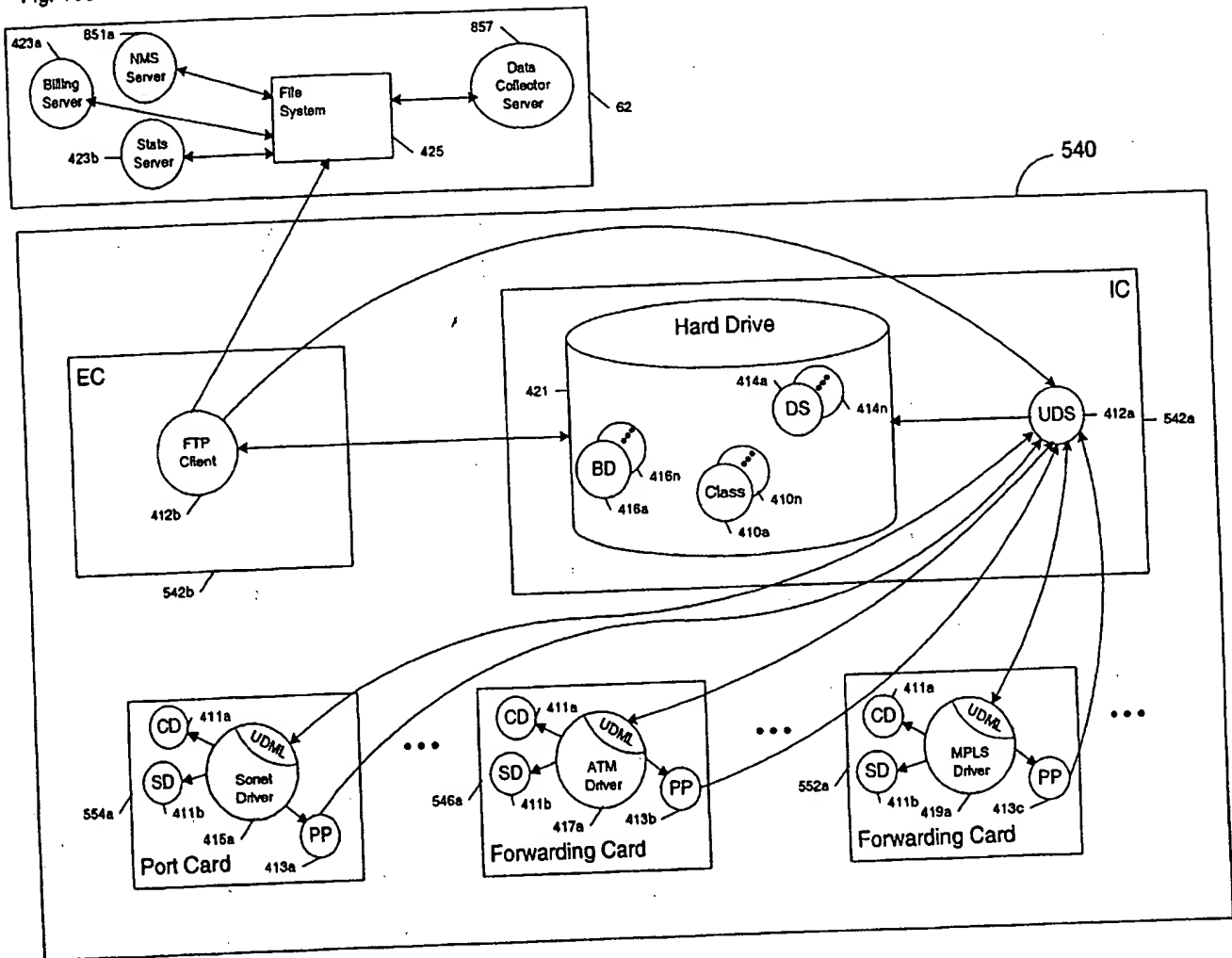


FIG. 14a

Service Endpoint Table 76

Service Endpoint #	Port PID
1	1500
2	1501
3	1501
4	1501
5	1502
6	1502
7	1503
8	1503
9	1503
10	1502
...	...

FIG. 14b

Logical to Physical Card Table 100

LID	PID	Primary	Back-up
30	500	513	
31	501	513	
...

FIG. 14c

Logical to Physical Port Table 101

LID	PID	Primary	Back-up
40	1500	1600	
...

FIG. 14d

ATM Group Table 108

Group #	Card LID	...
1	30	
2	30	
3	30	
4	30	

FIG. 14e

ATM Interface Table 114

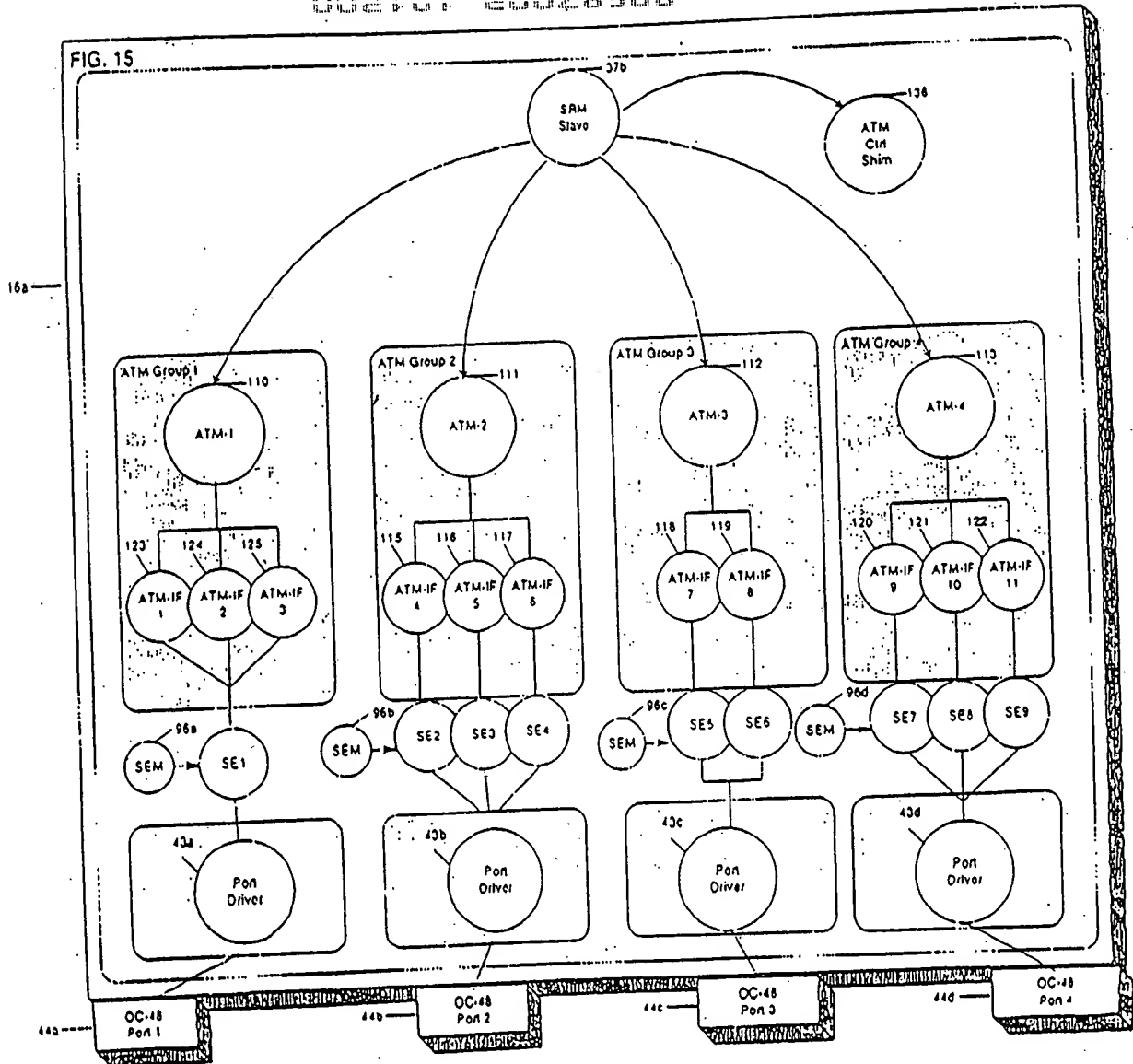
ATM IF	ATM Group	SE	...
1	1	1	
2	1	1	
3	1	1	
4	2	2	
5	2	3	
6	2	4	
...
12	3	10	...
...

FIG. 14f

Software Load Record 128a

Control Shm	LID
atm-cnll.exe	30

FIG. 15



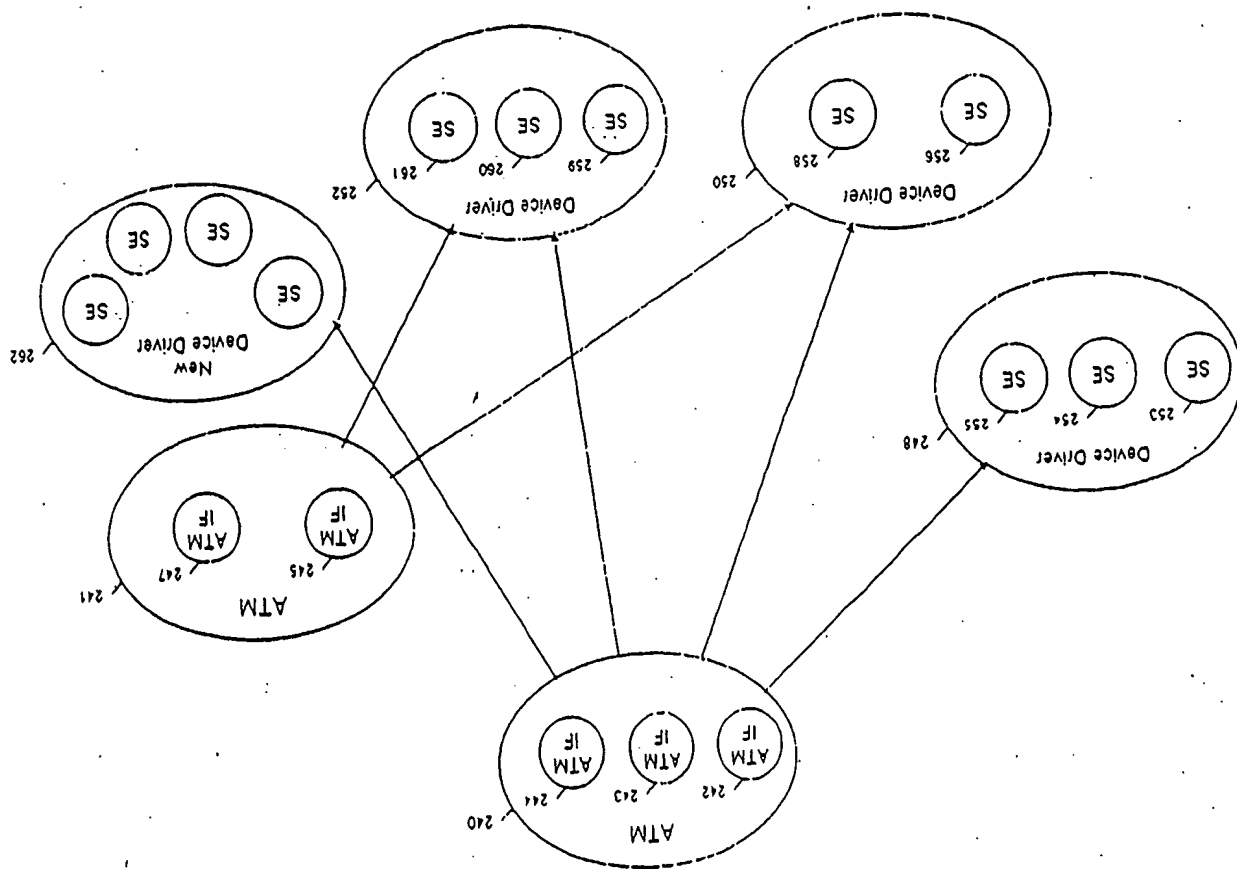
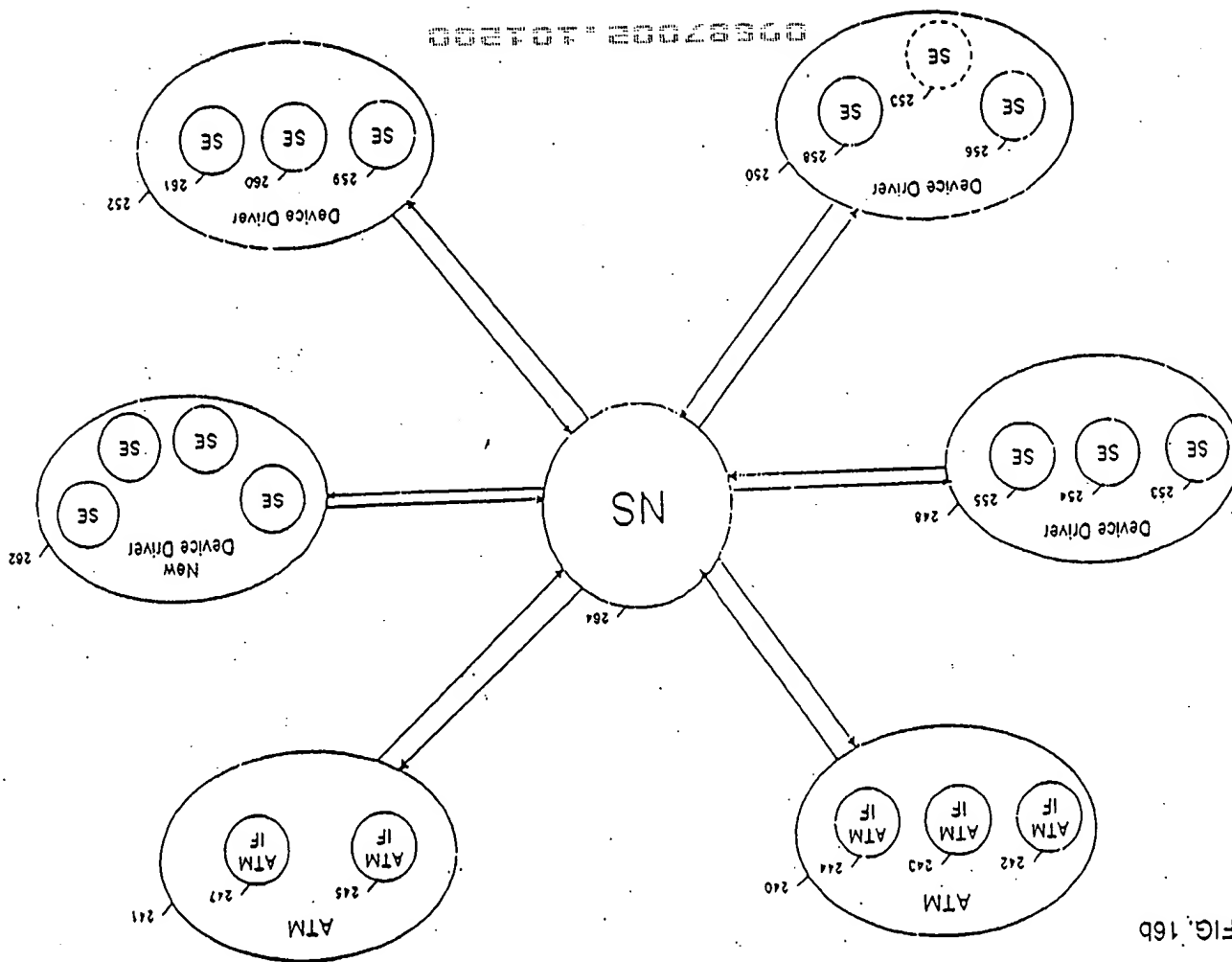


FIG. 16a

FIG. 16a



09882002-104200

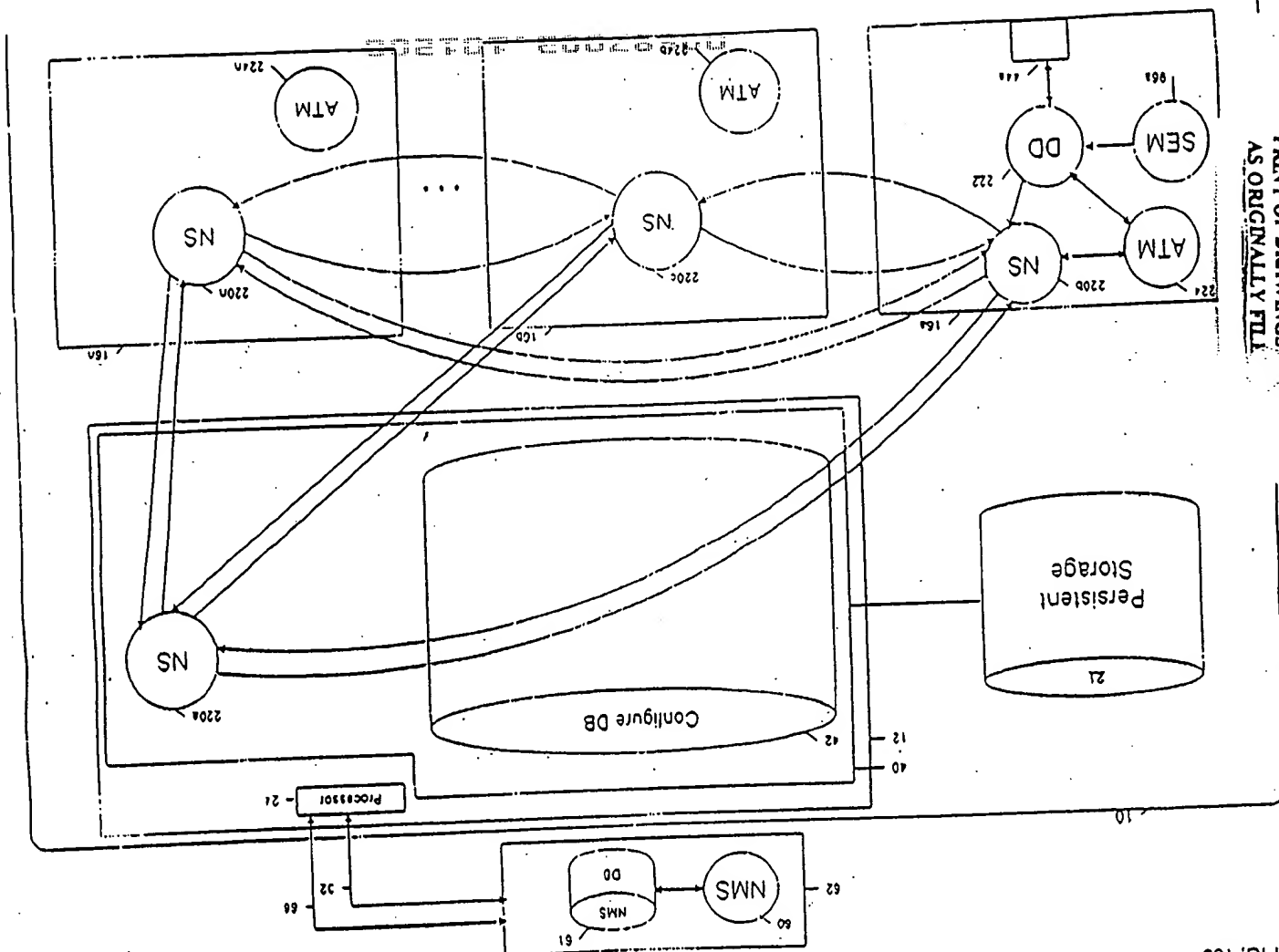


FIG. 16c

FIG. 17

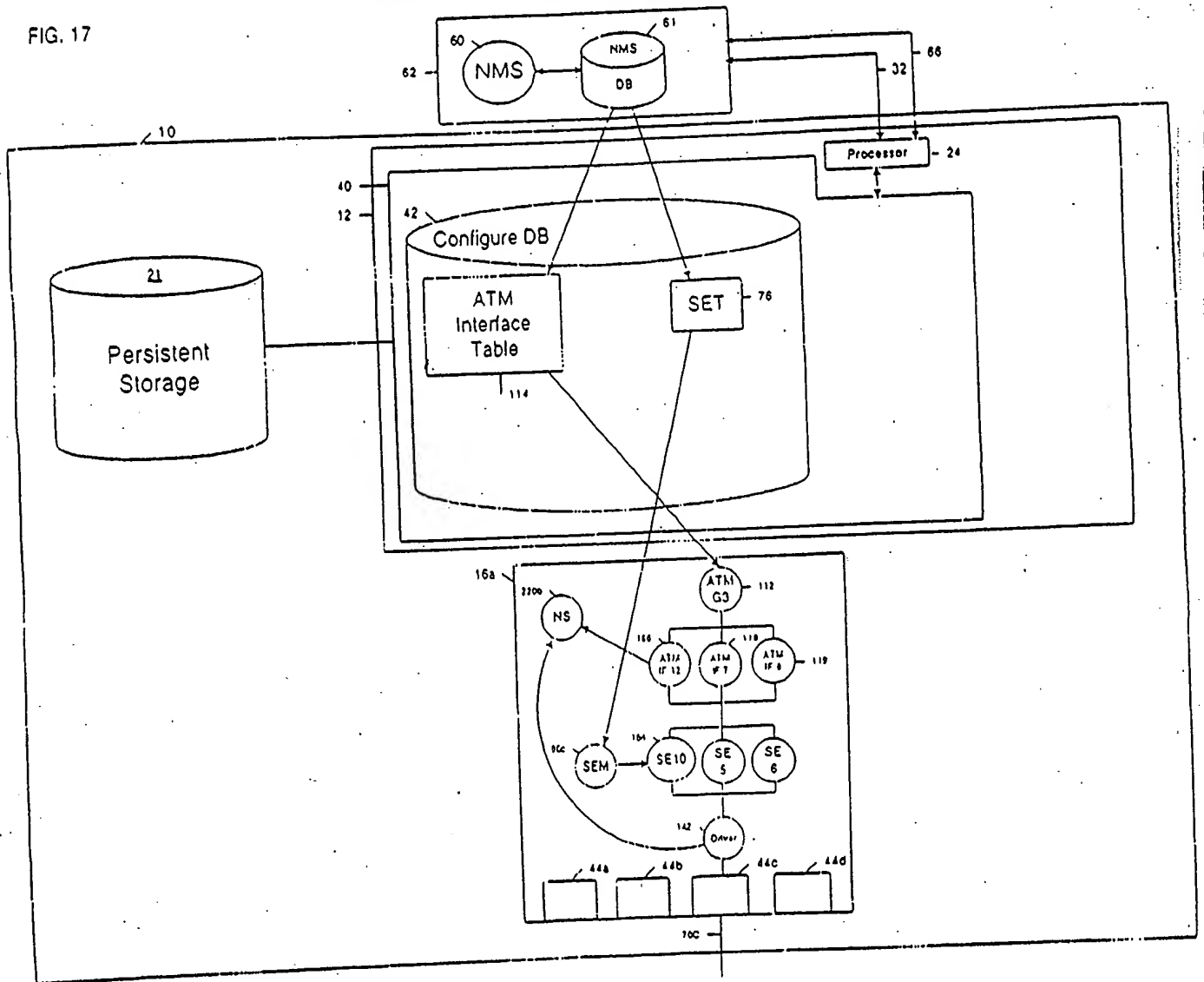
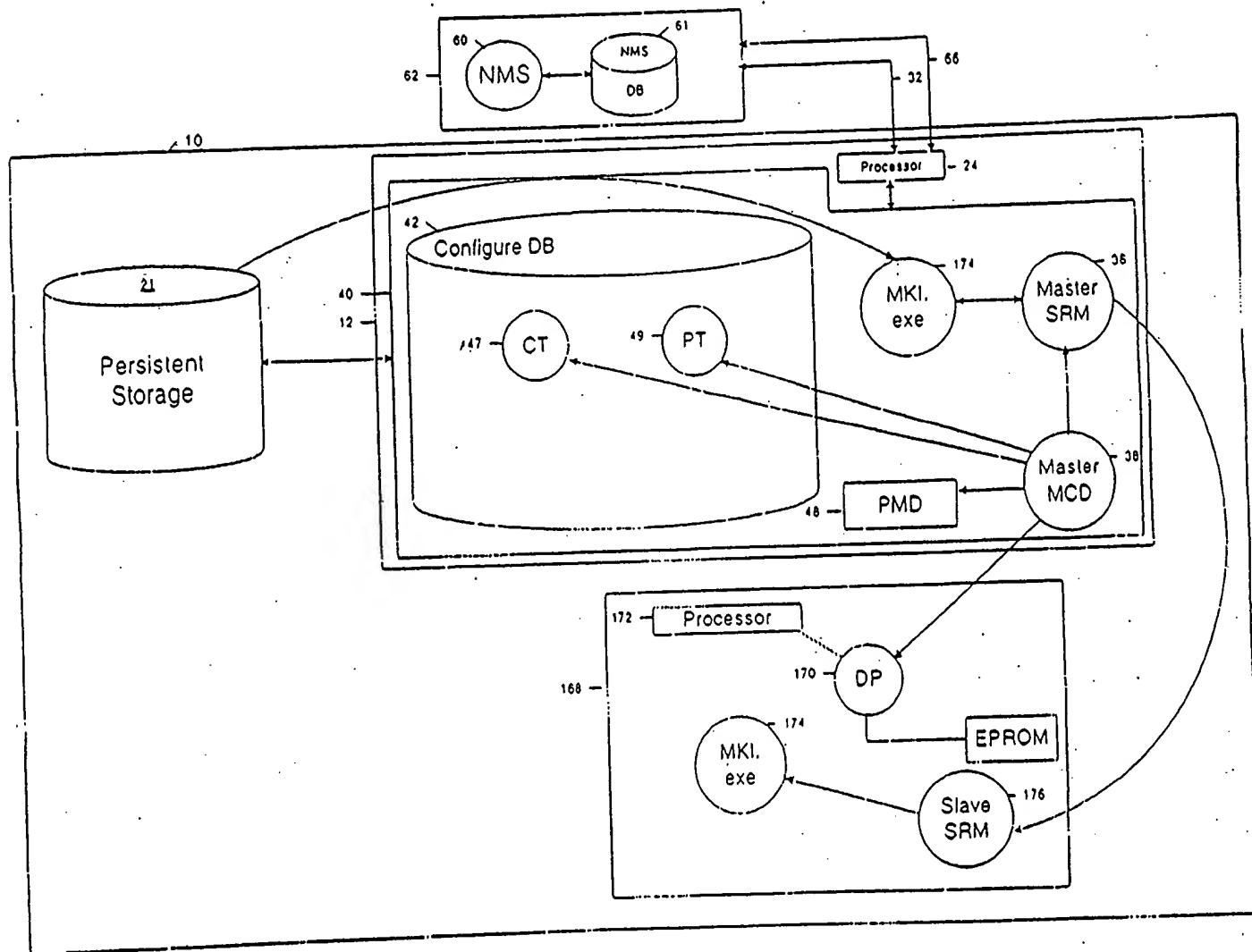


FIG. 18

002F0F 20028900



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FIG. 19

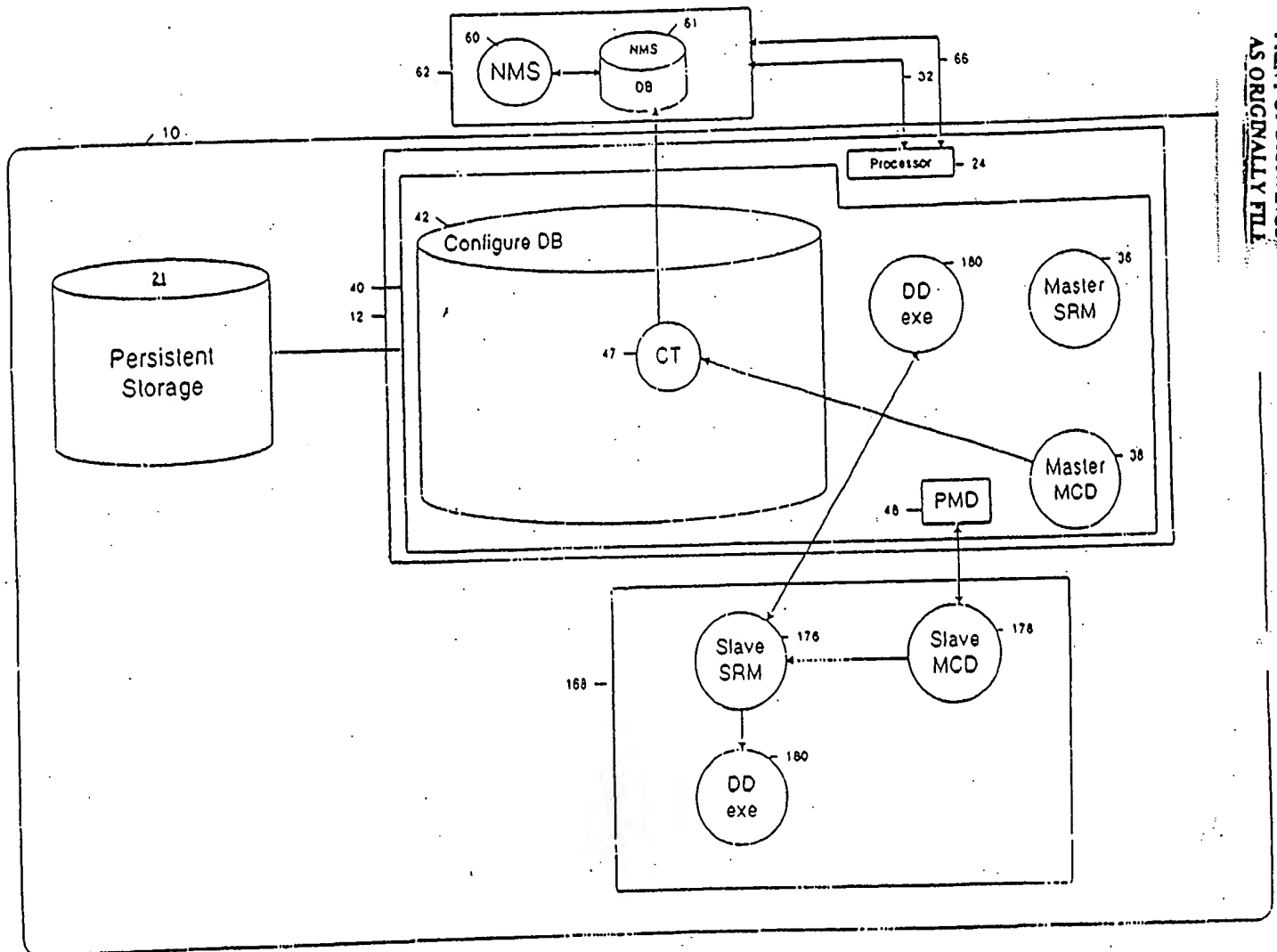
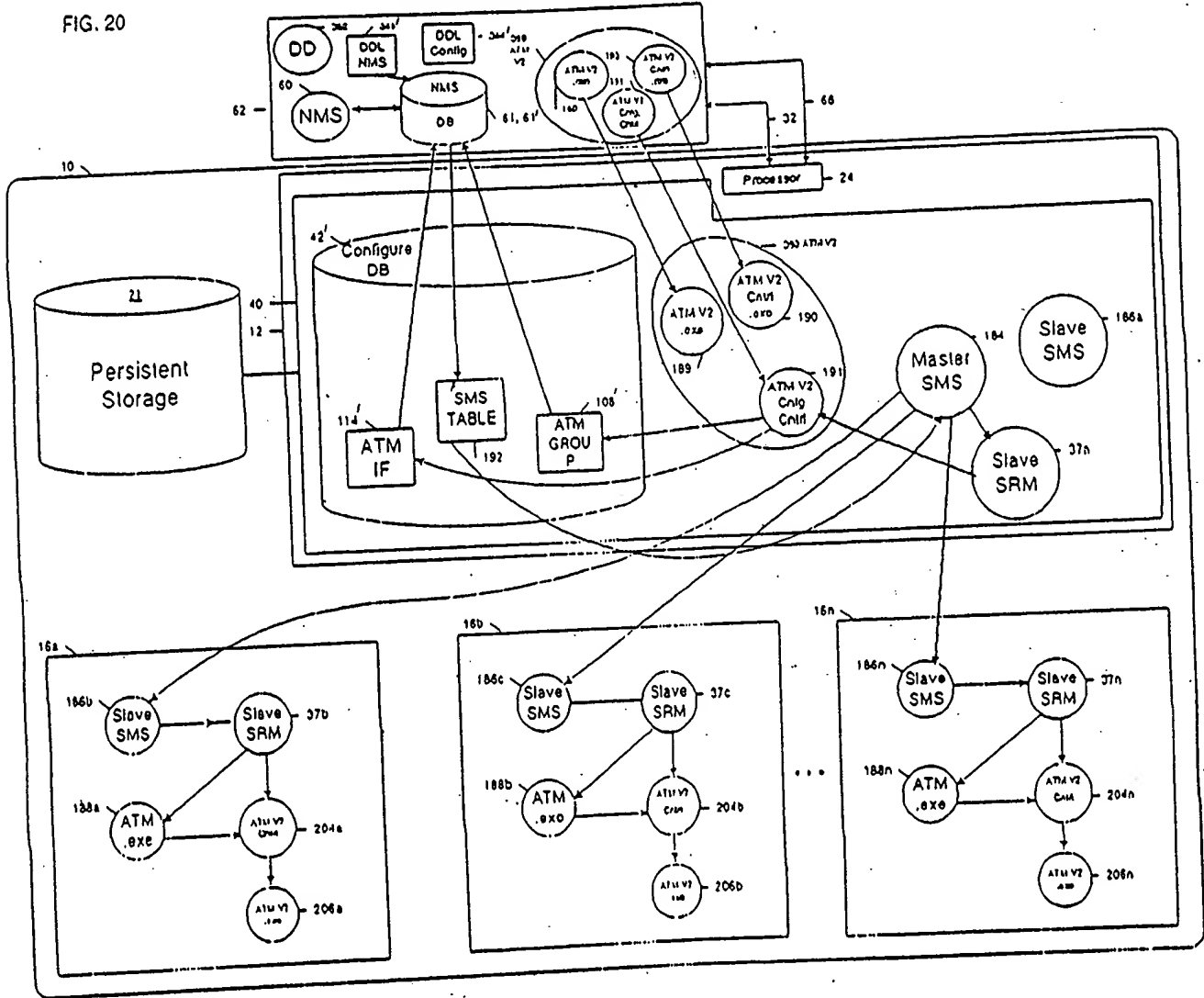


FIG. 20



20040960

FIG. 21

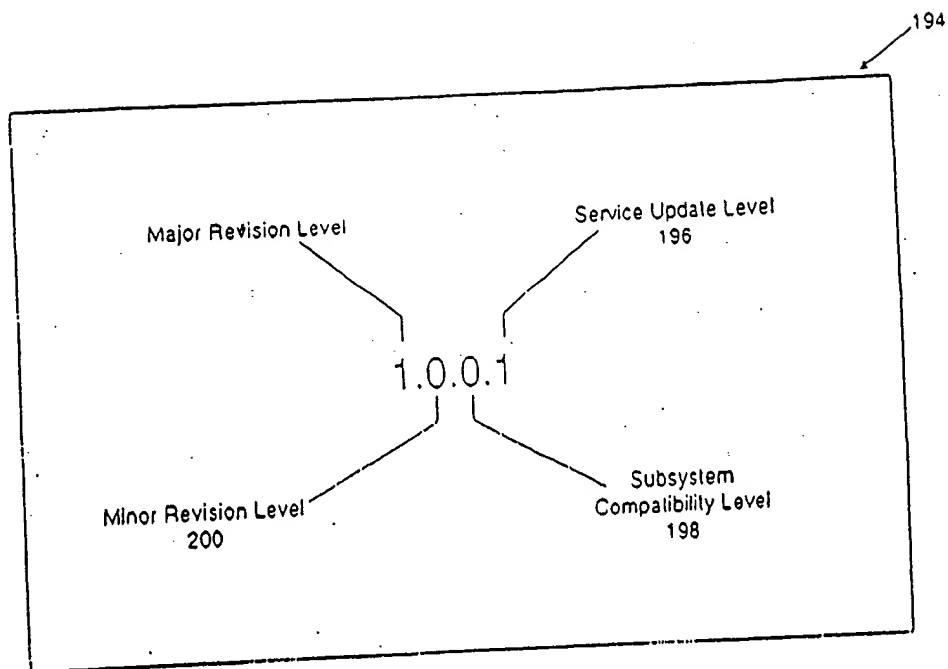


FIG. 22

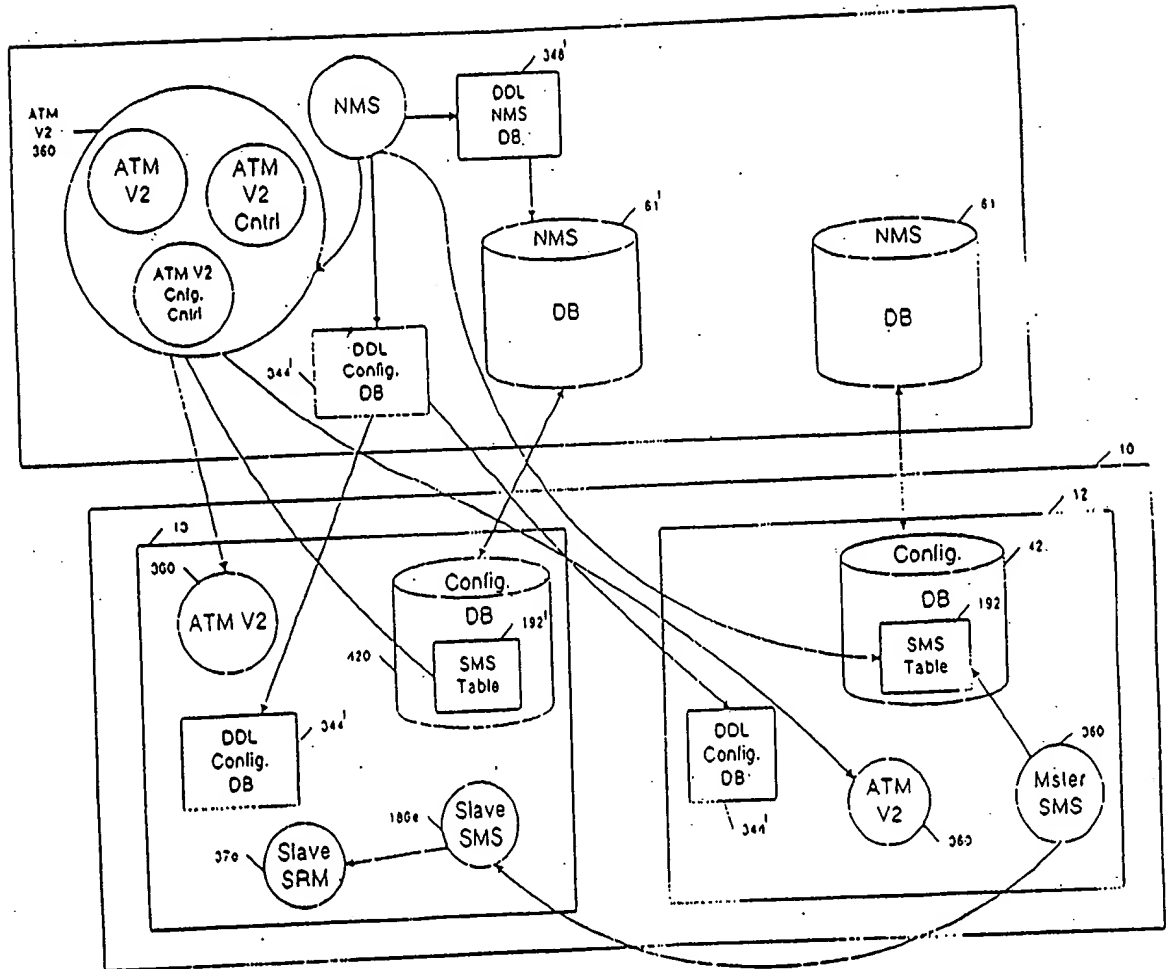
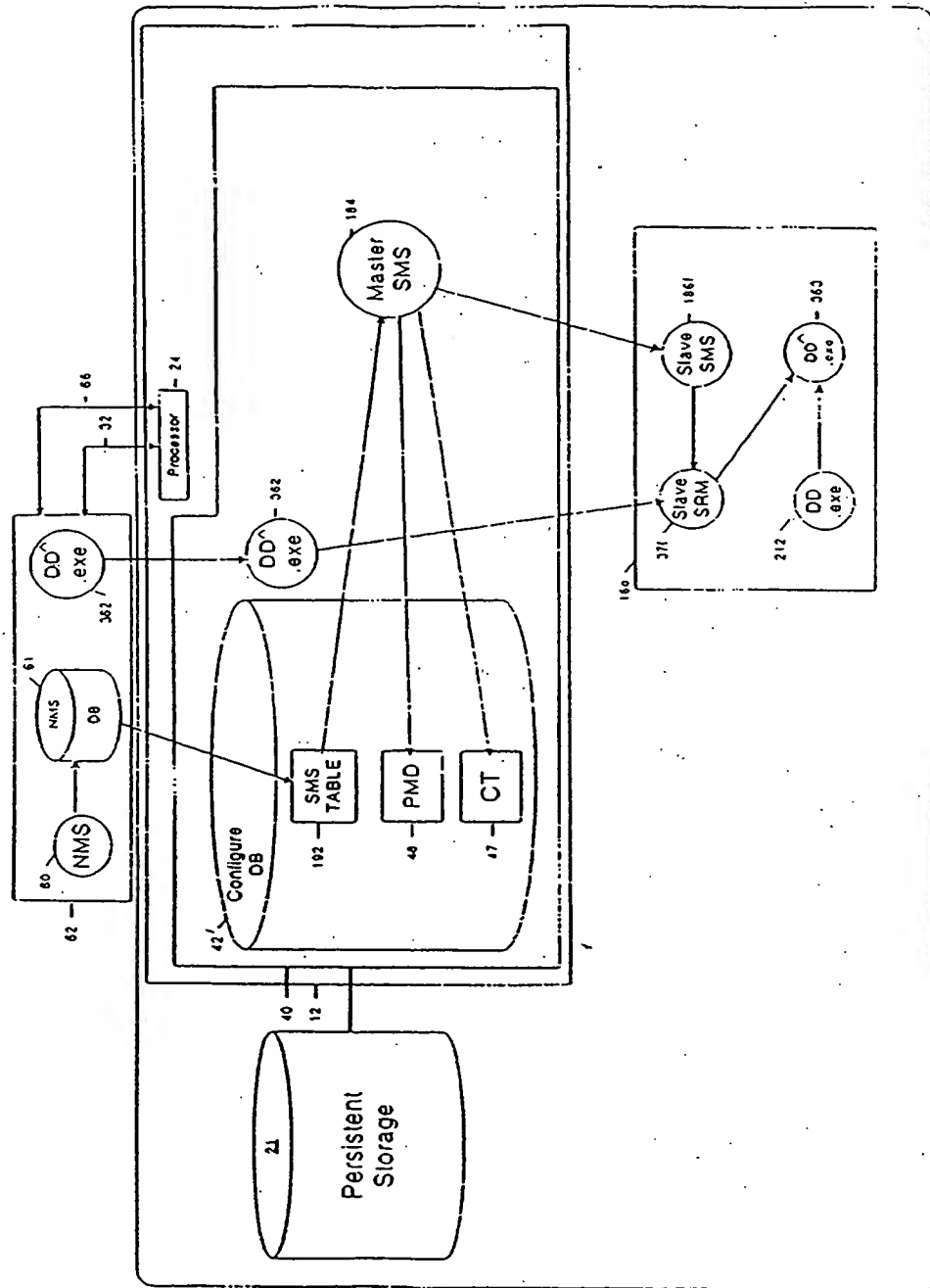


FIG. 23



The diagram illustrates a system architecture divided into two main planes: the Control Plane and the Data Plane. The Control Plane, located on the left, contains two components: an ATM app (230) and an ATM Driver (232). The Data Plane, located on the right, contains three components: a Local Backup (236) and two Data Objects (DO), specifically 234a and 234c. The entire system is partitioned into four quadrants by dashed lines, with the Control Plane components in the top-left and bottom-left quadrants, and the Data Plane components in the top-right and bottom-right quadrants.

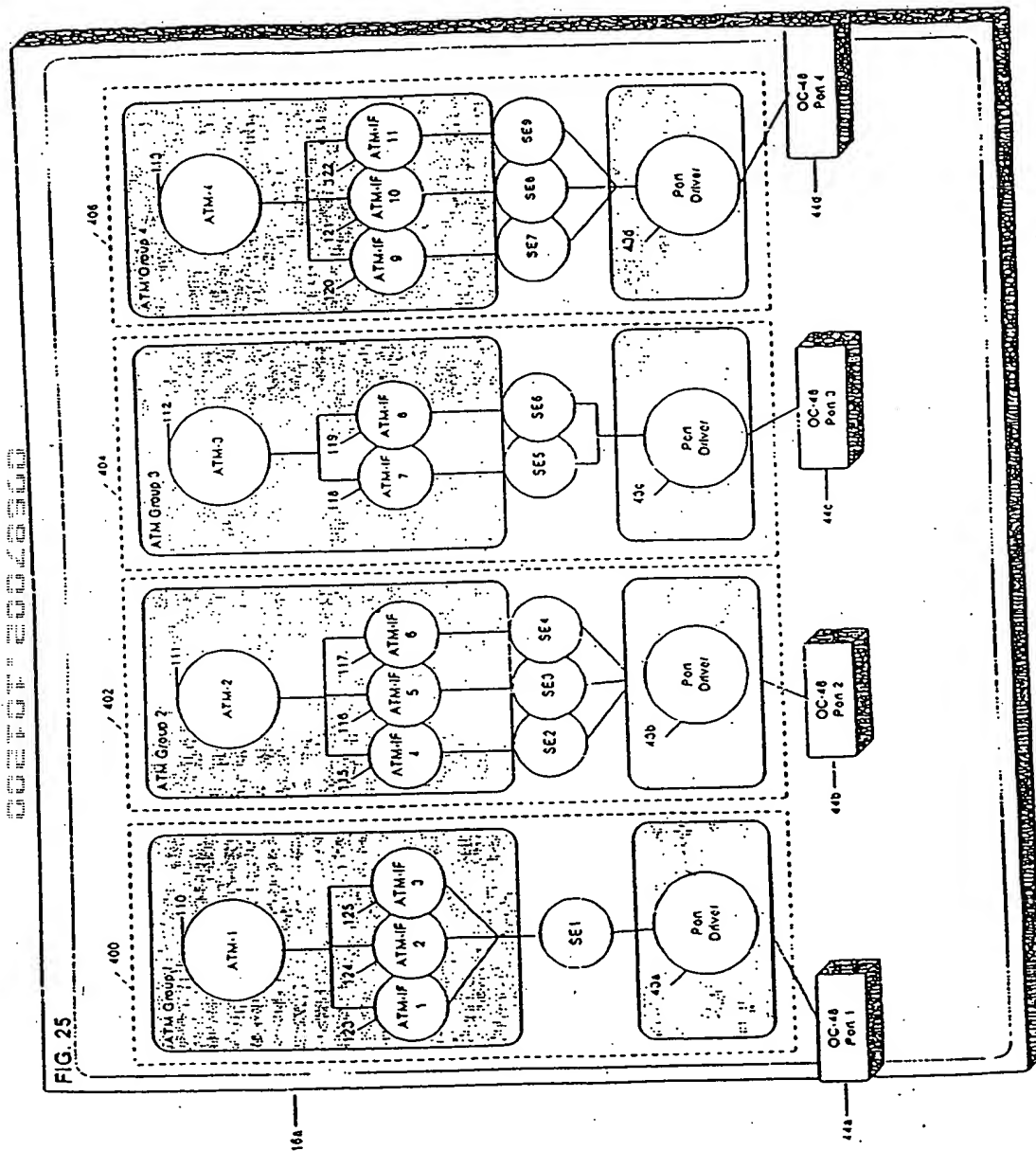
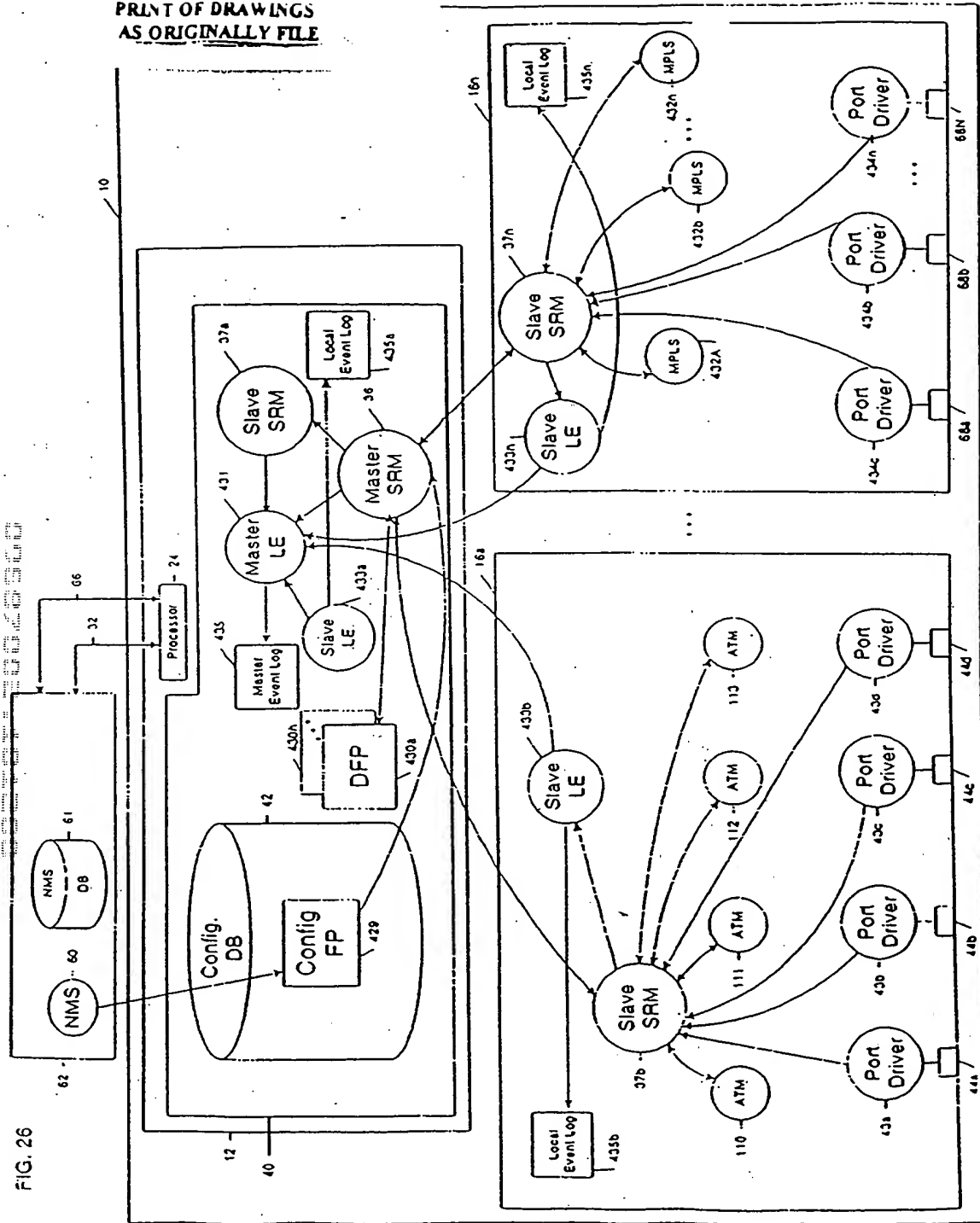
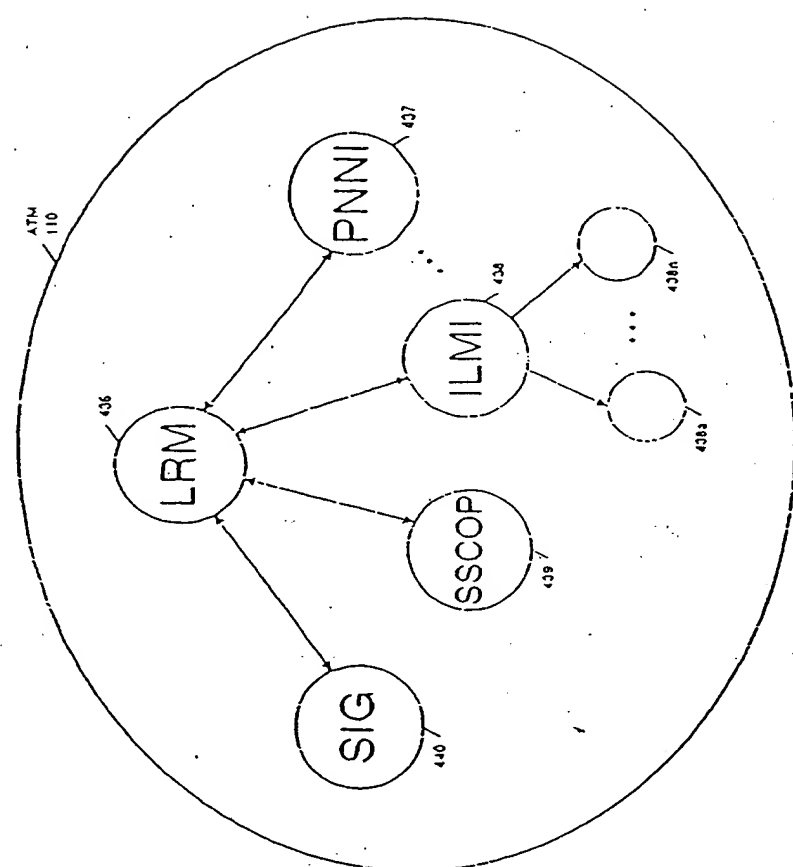


FIG. 26



00207 20020300

FIG. 27



00000000000000000000

FIG. 28

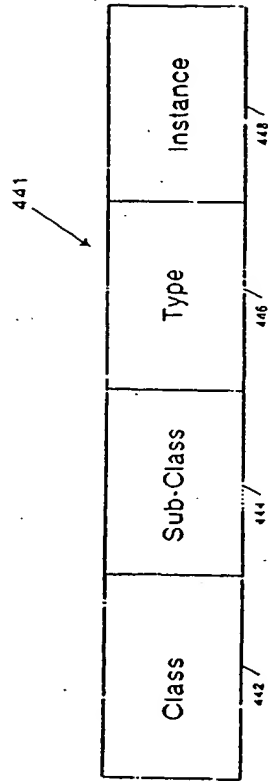
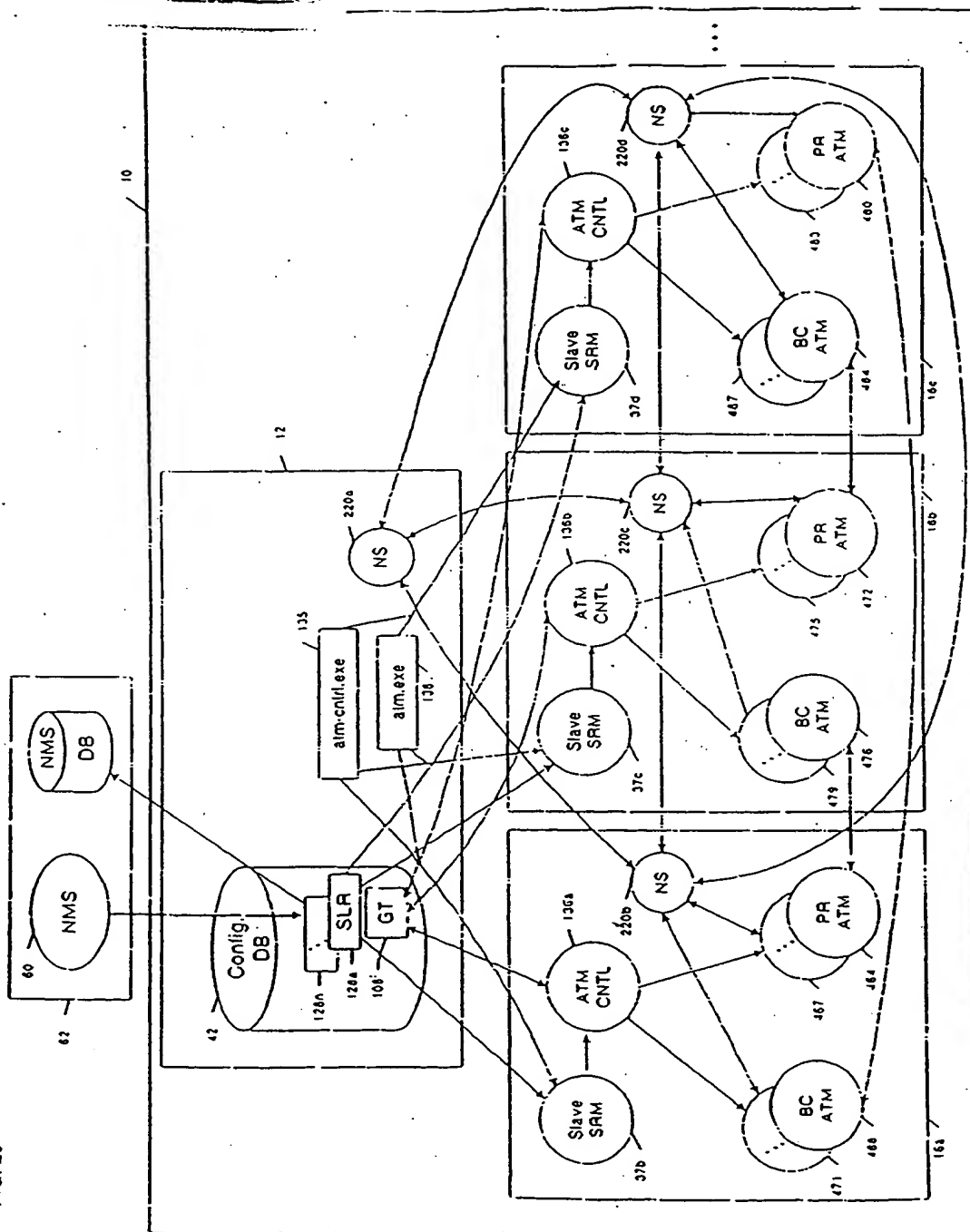


FIG. 29

FIG. 29



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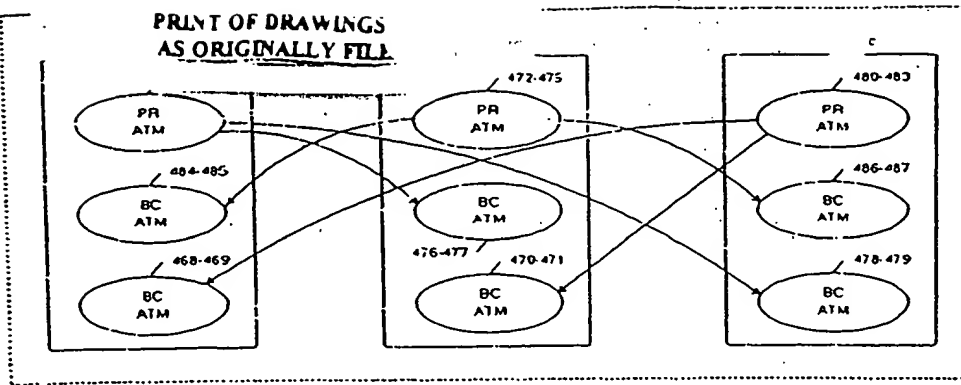


Fig. 32b

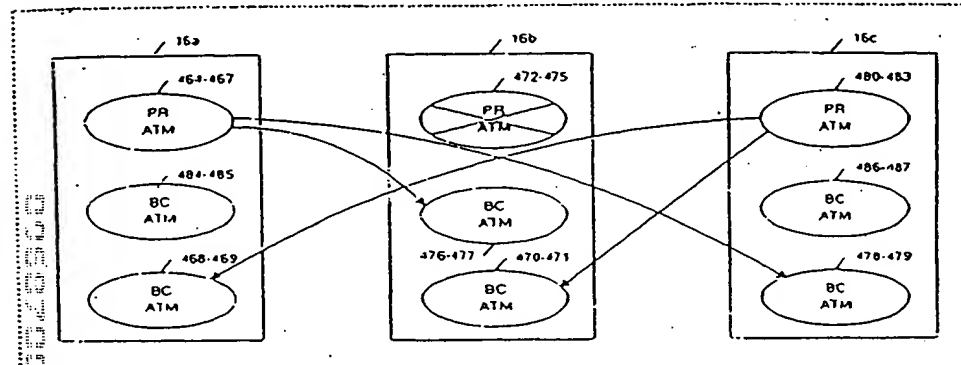
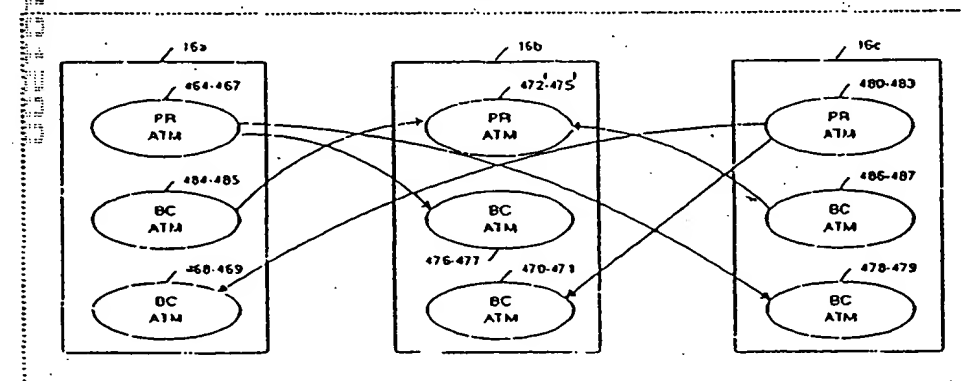


Fig. 32c



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FIG. 33a

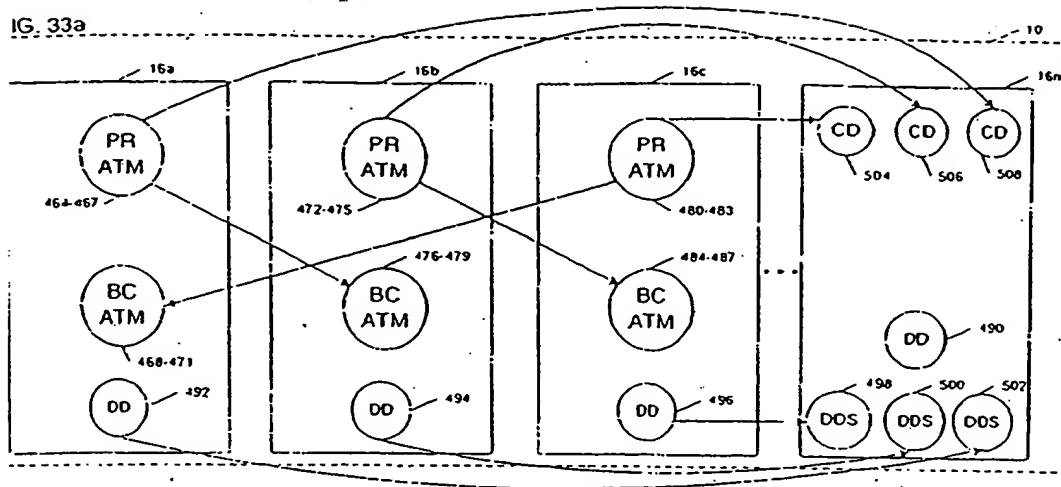
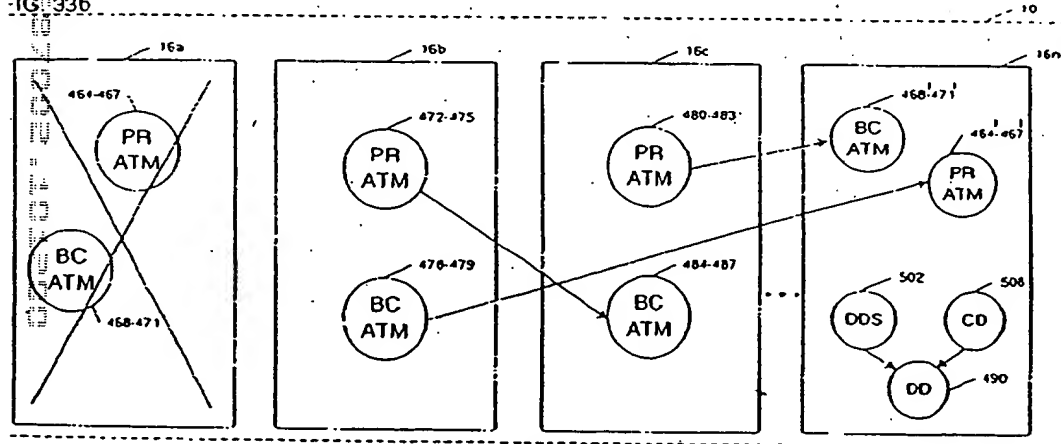
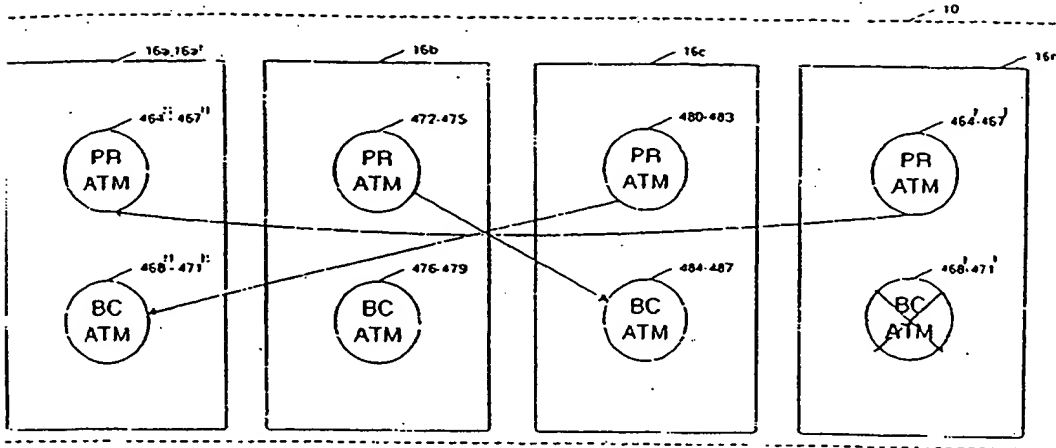


FIG. 33b



3. 33c



3. 33d

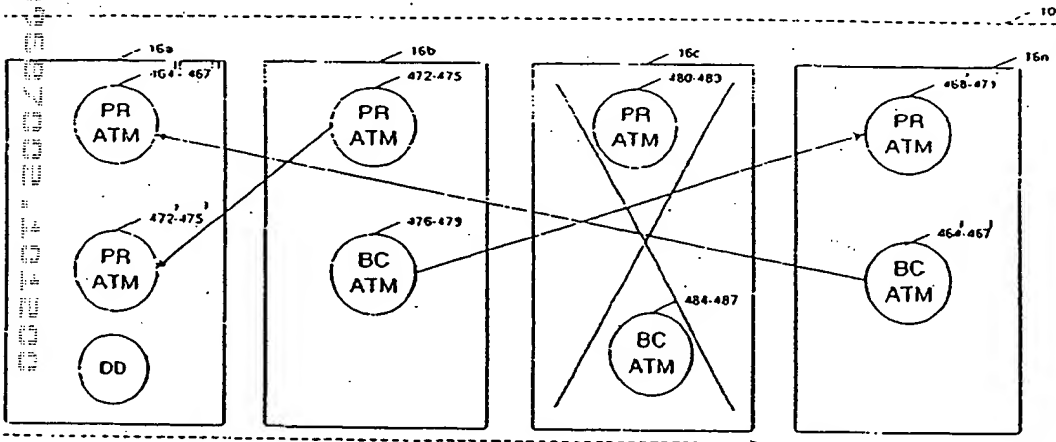
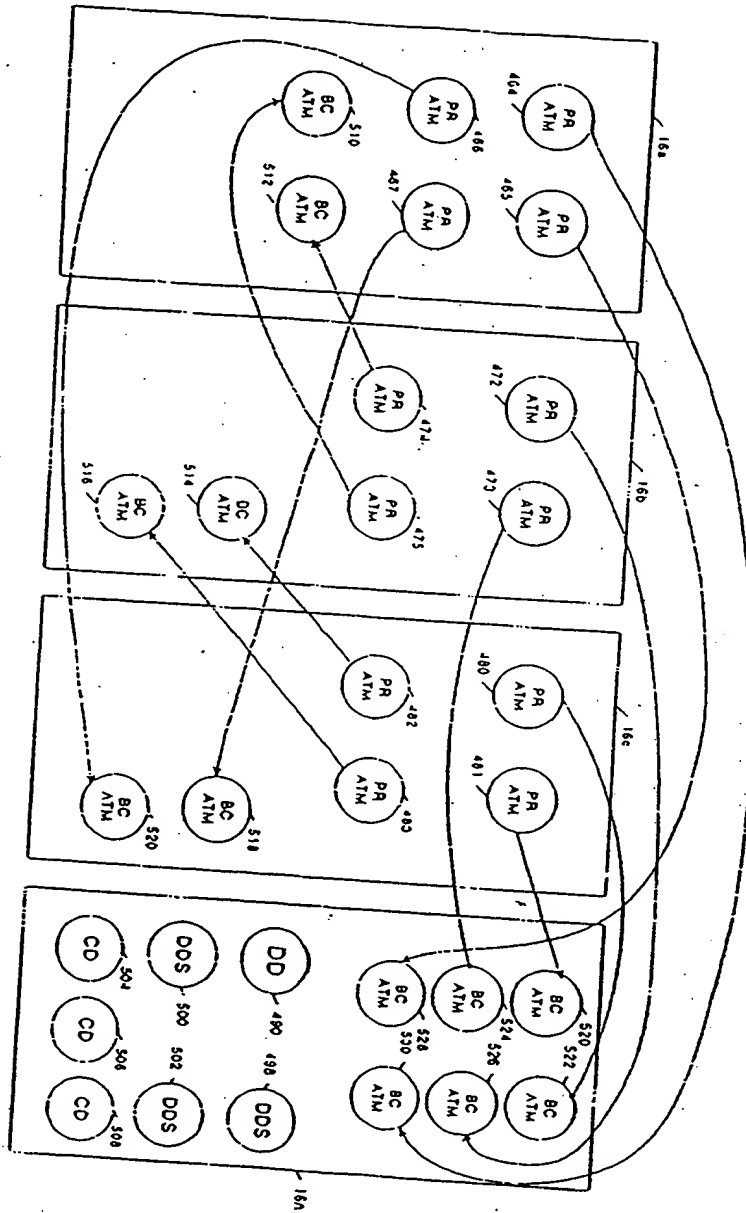
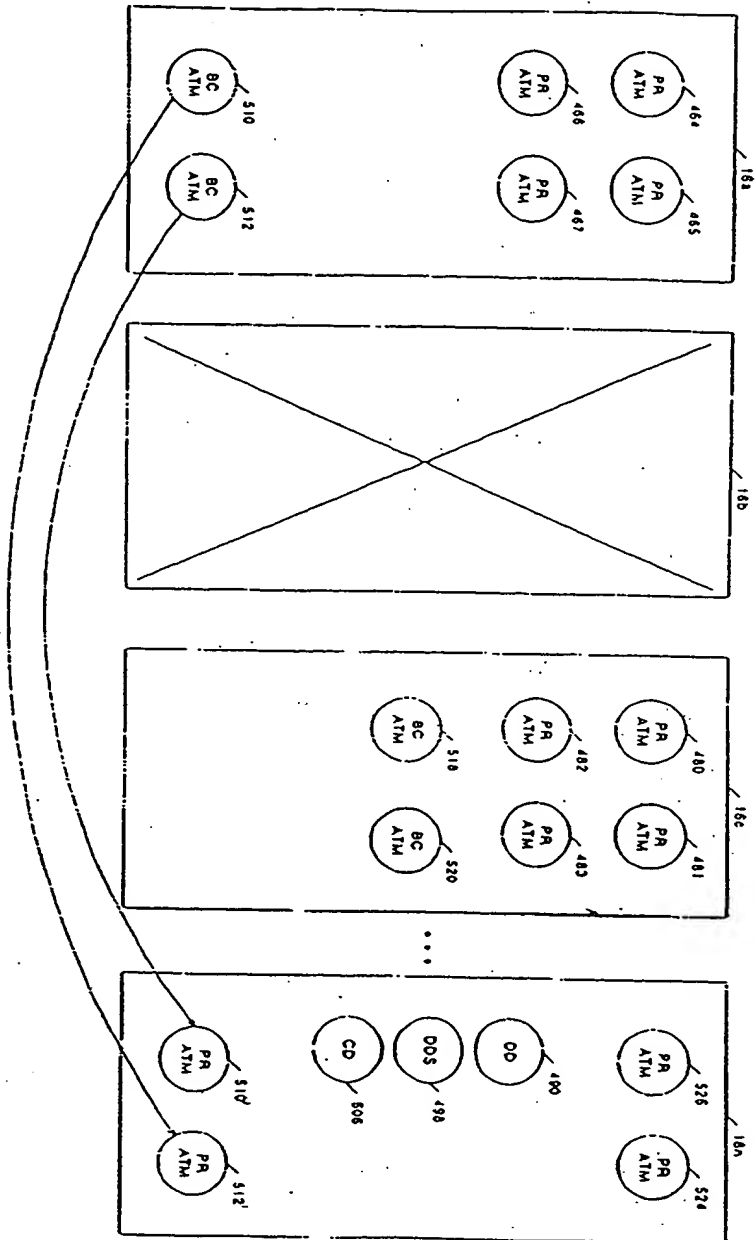


Fig. 34a



03607000 4043000

FIG. 34b



00000000 00000000

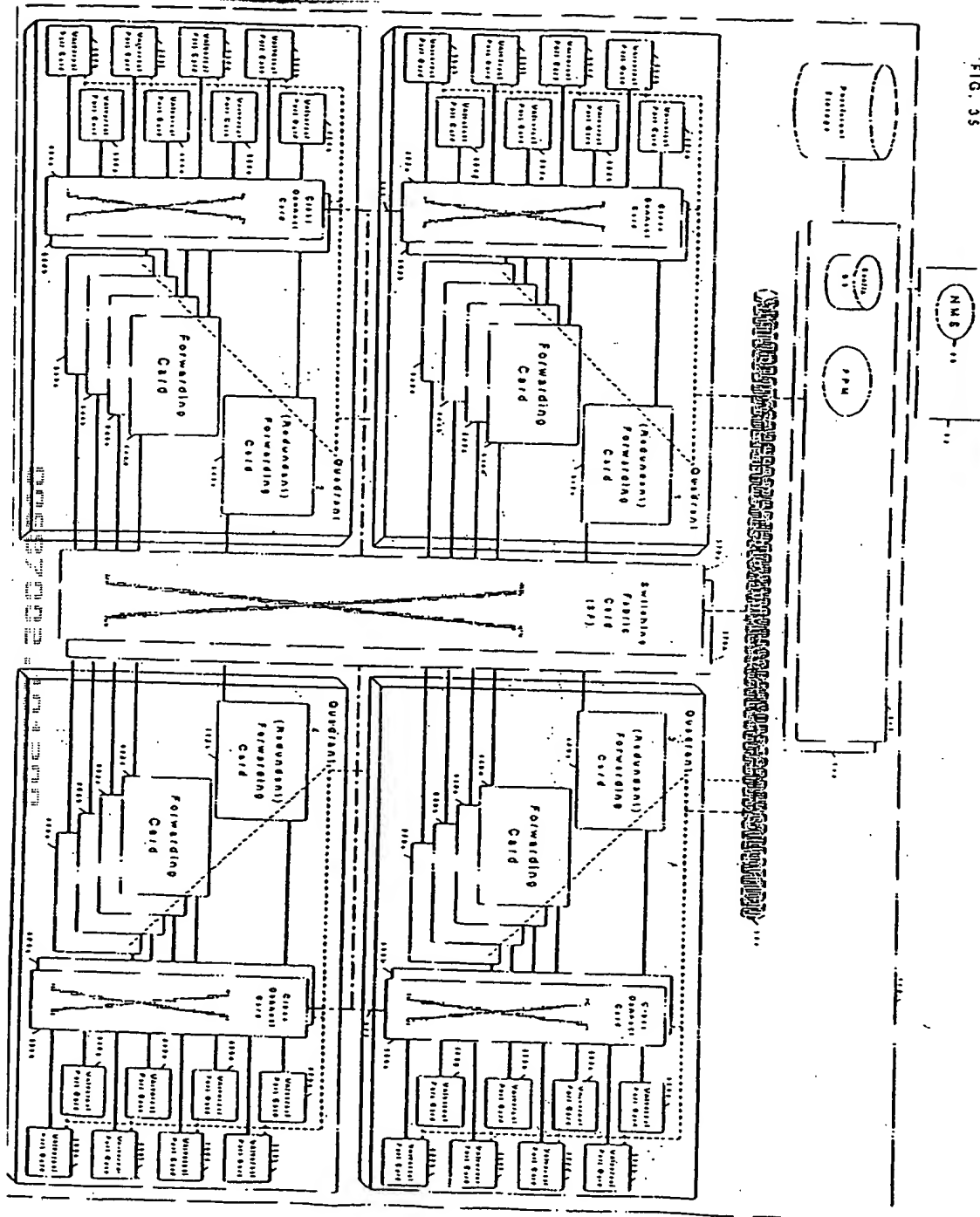
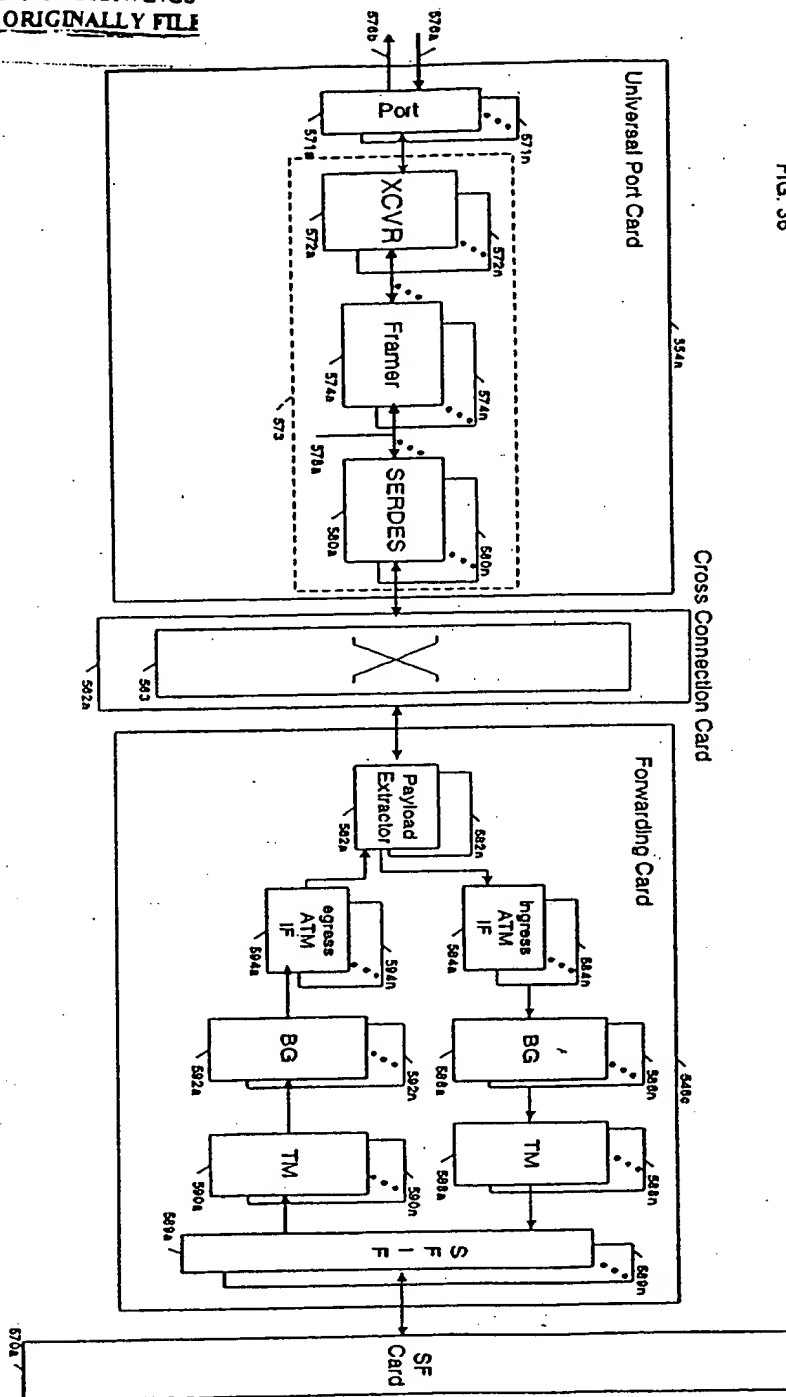


FIG. 36



2025 RELEASE UNDER E.O. 14176

FIG. 37

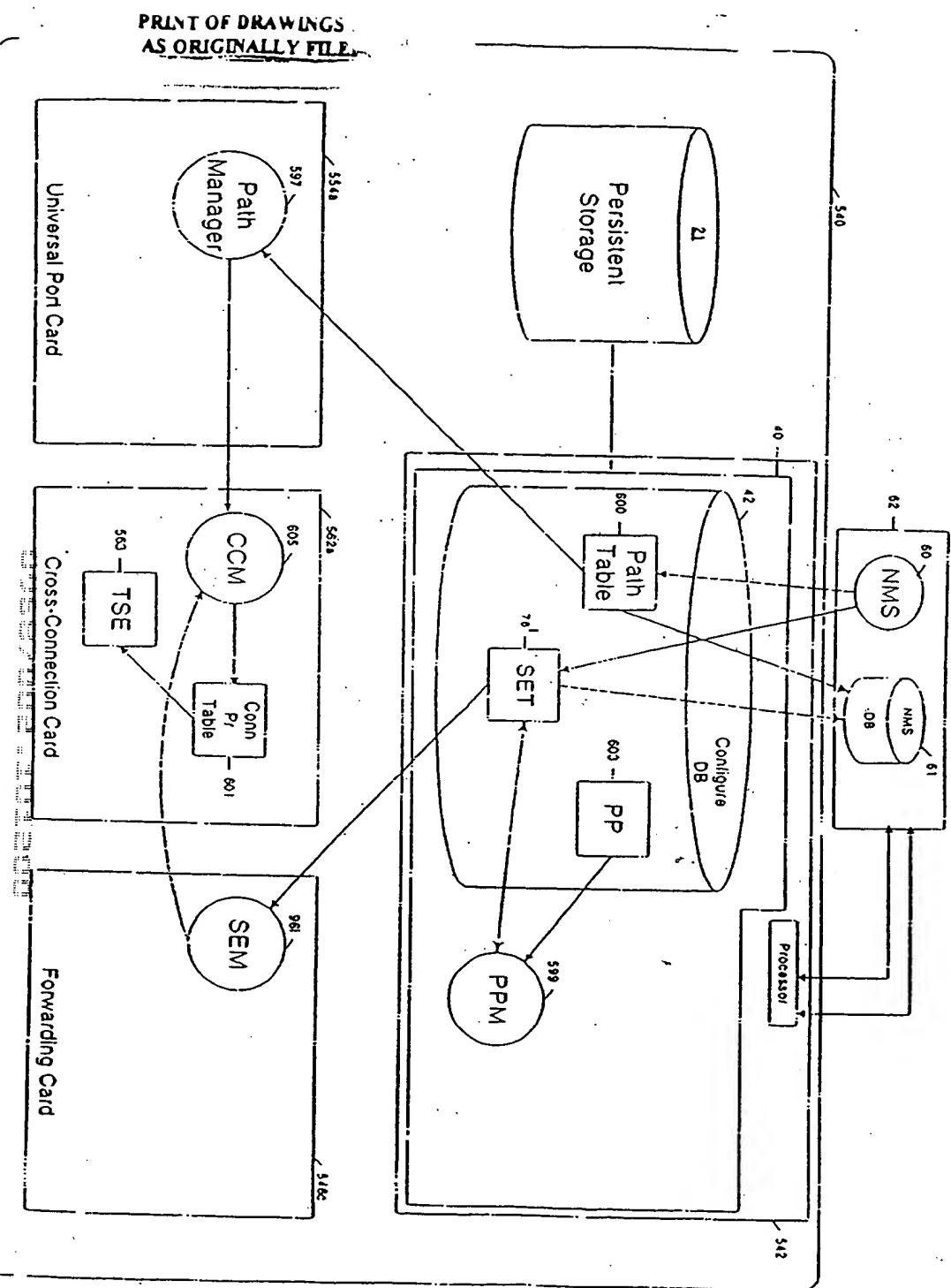


FIG. 38

Path Table 600

Path LID	UP Port LID	Time Slot	# of Time Slots	...
1666	1231	4	3	
...

602

00000000 00000000

FIG. 39

Service End Point Table 76'

606							608 610	
SE	Q	FC	FC	FC	Path	...		
#	#	LID	Slice	Time	PID			
878	1				1666			
...		

604

00507000 401200

540 →

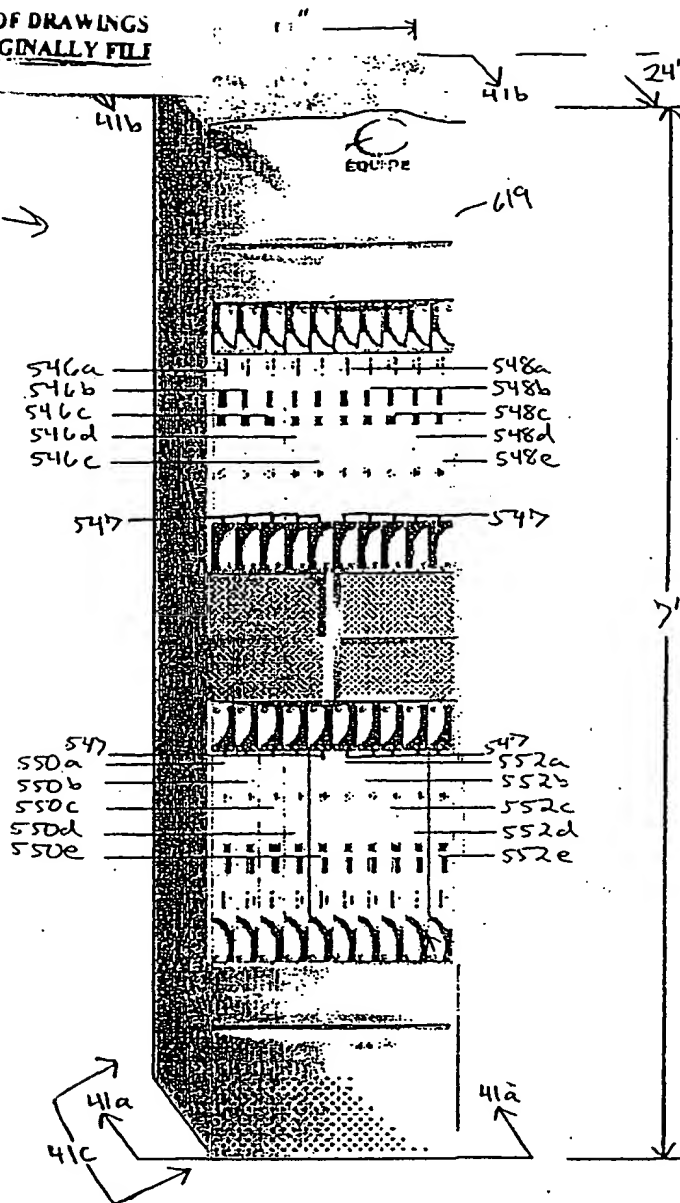


Fig. 40

[illegible]

Fig. 41B

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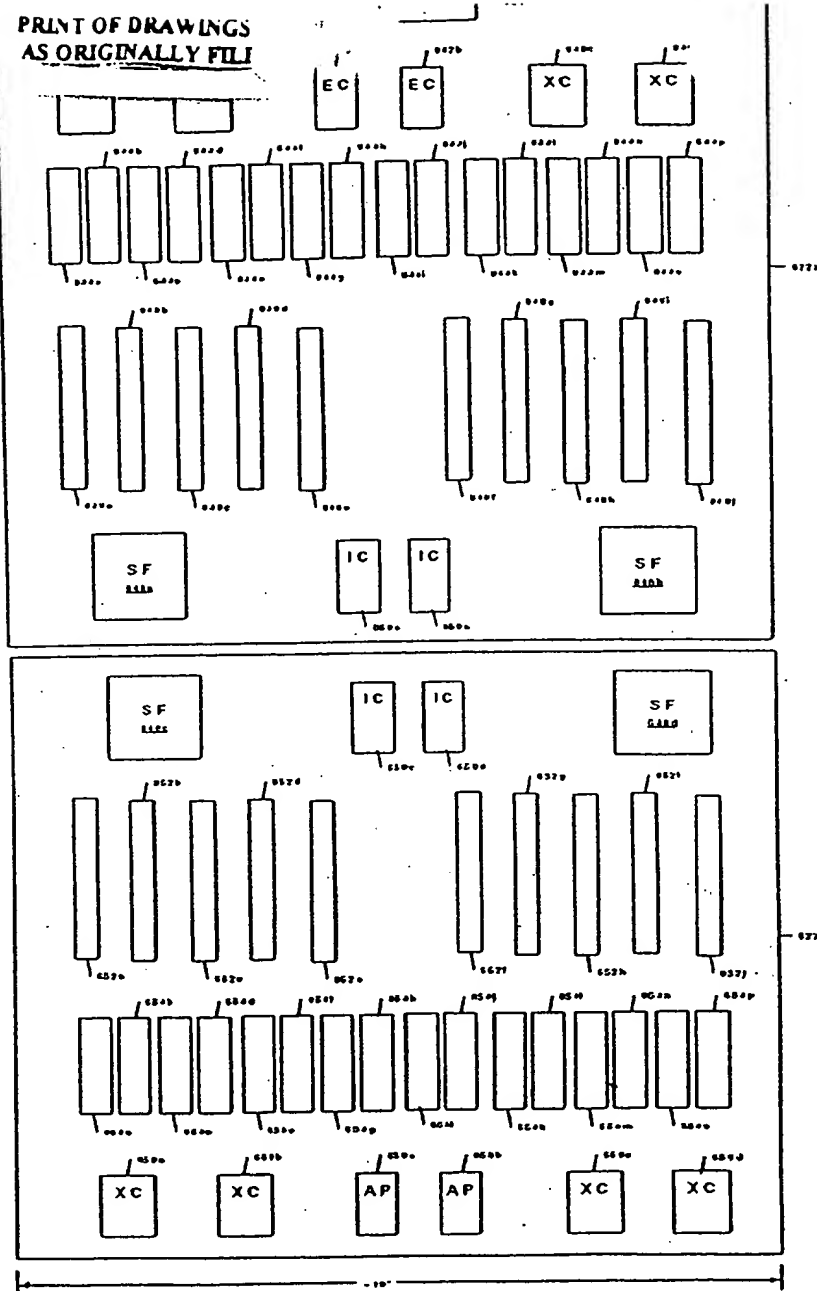


Fig. 42

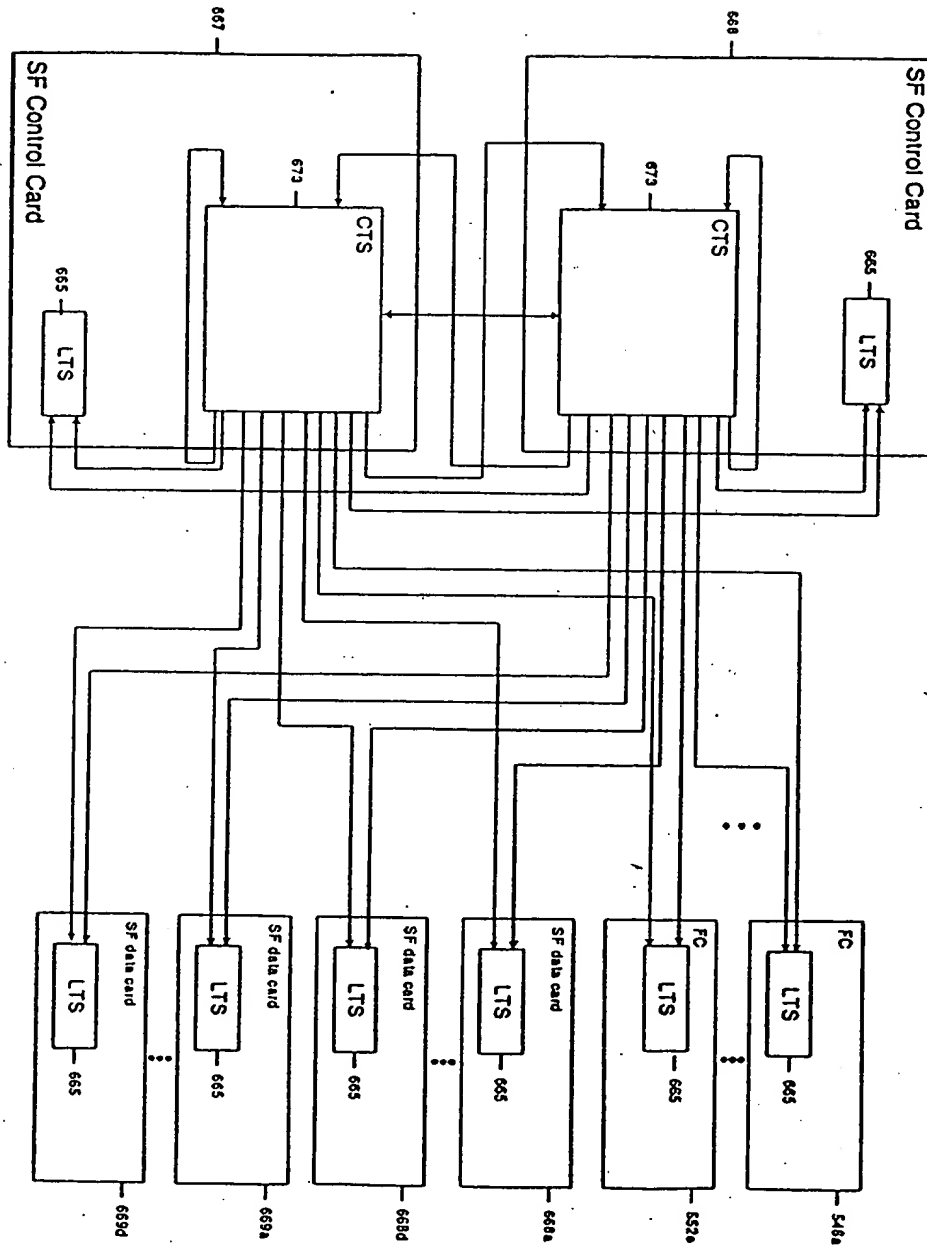


FIG. 44

000000 000000

[illegible]

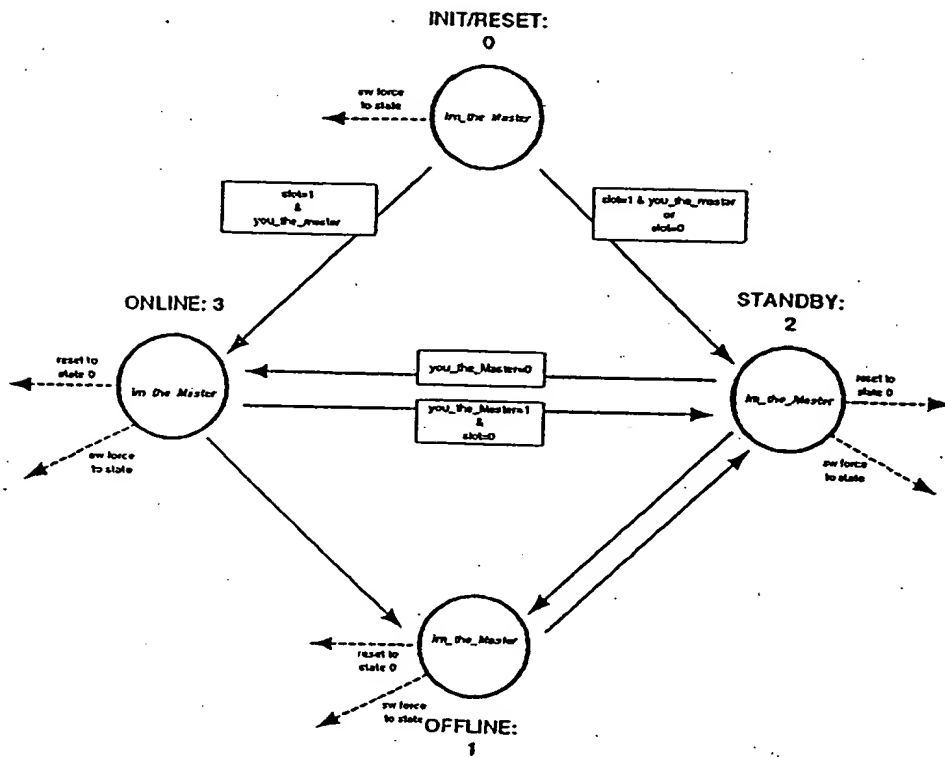


FIG. 46

[illegible]

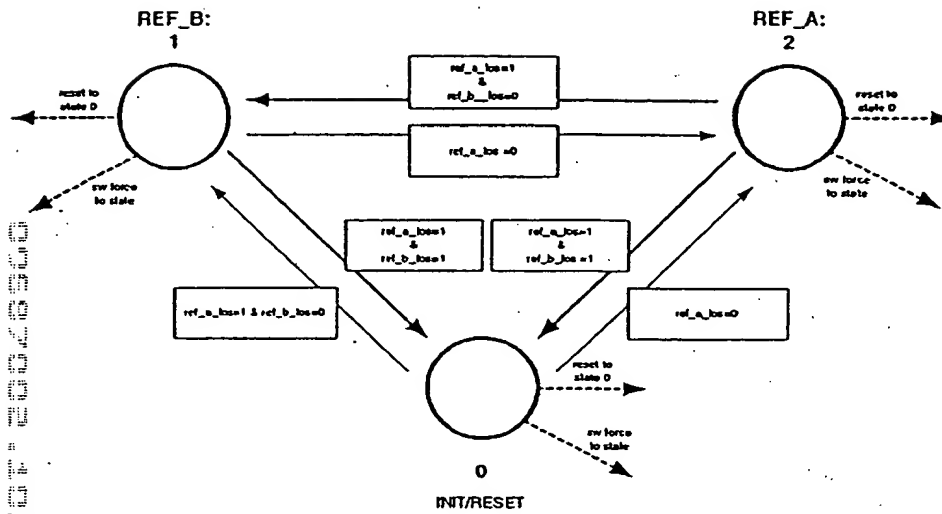


FIG. 48

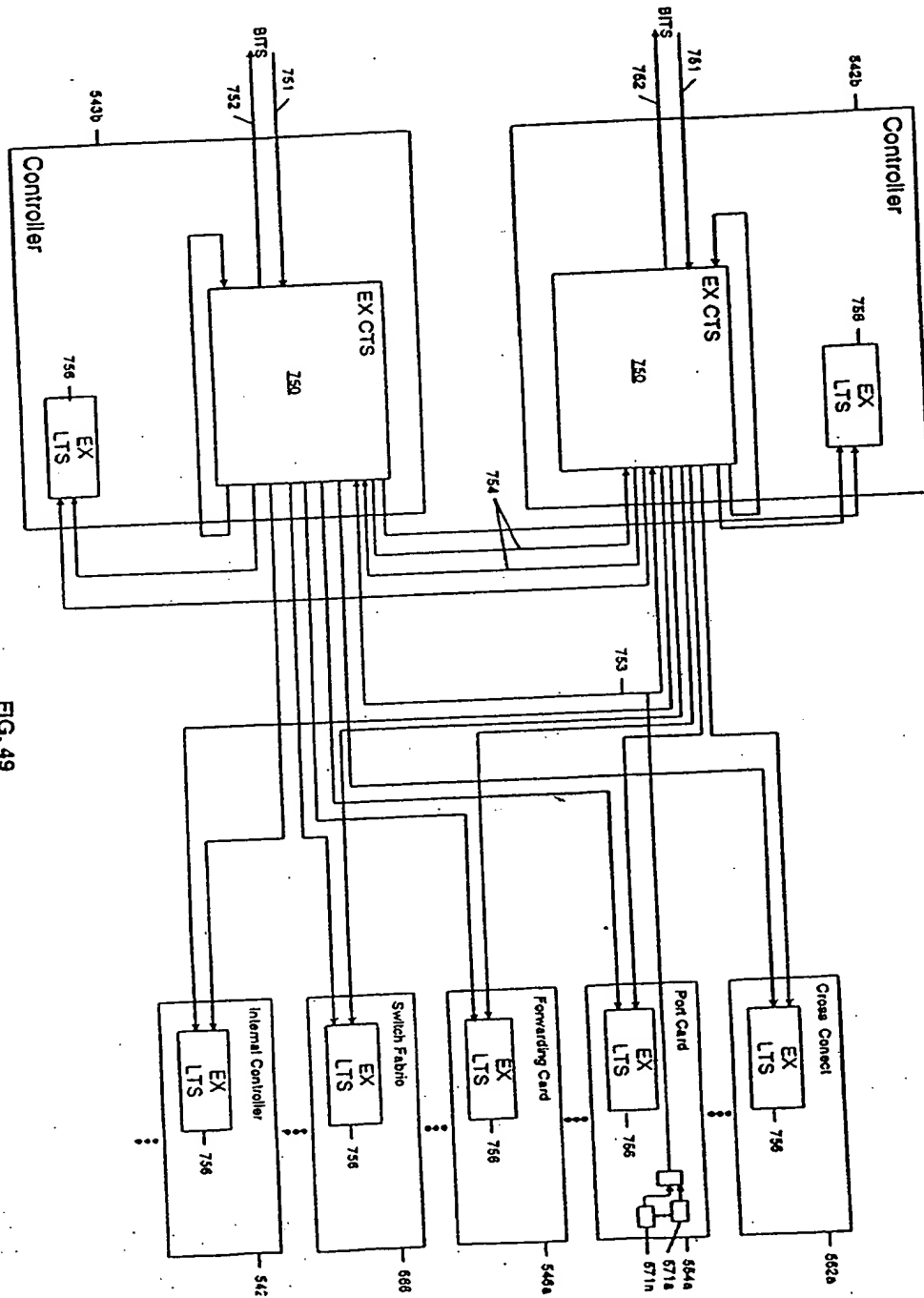


FIG. 49

00687002 404200

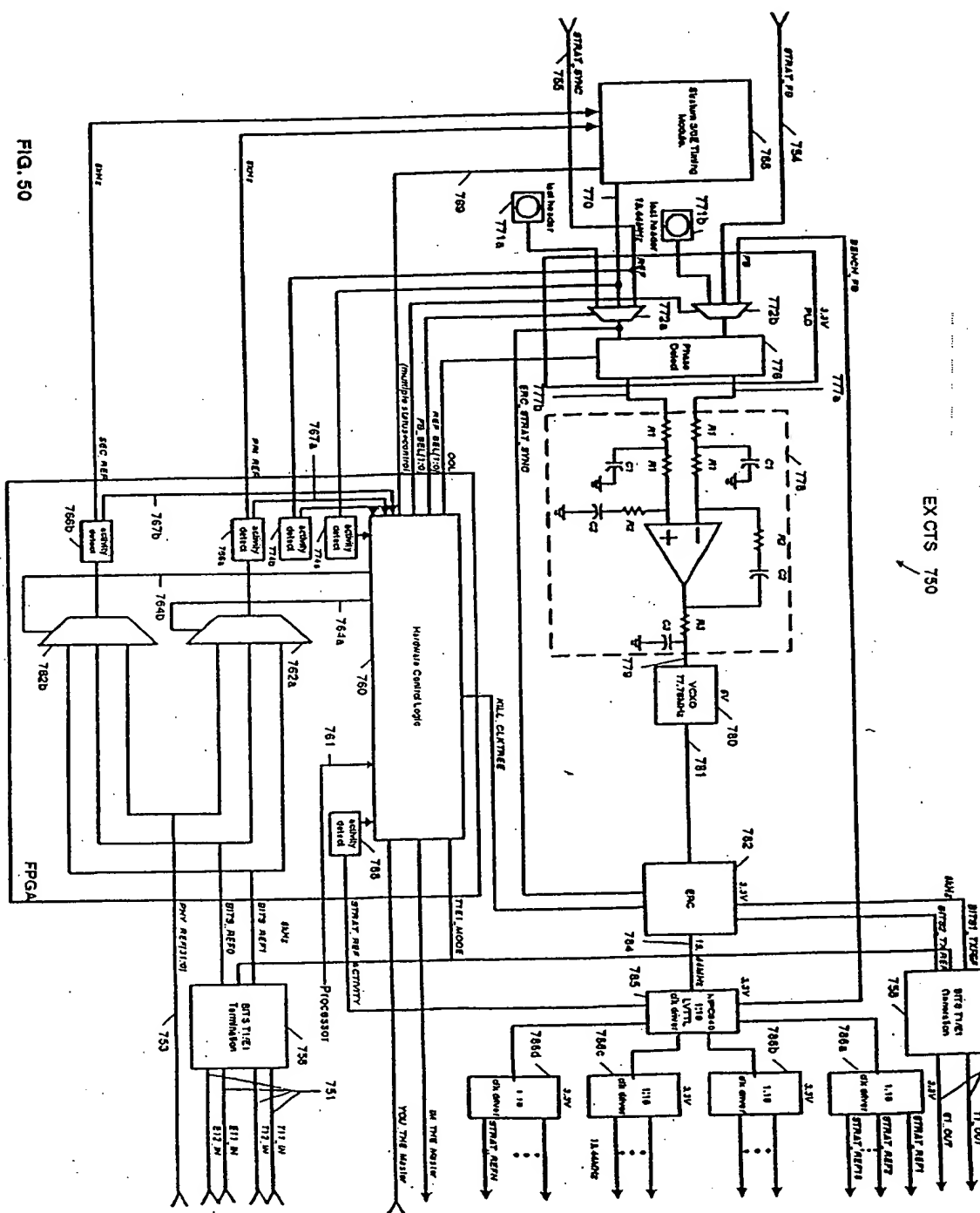


FIG. 50

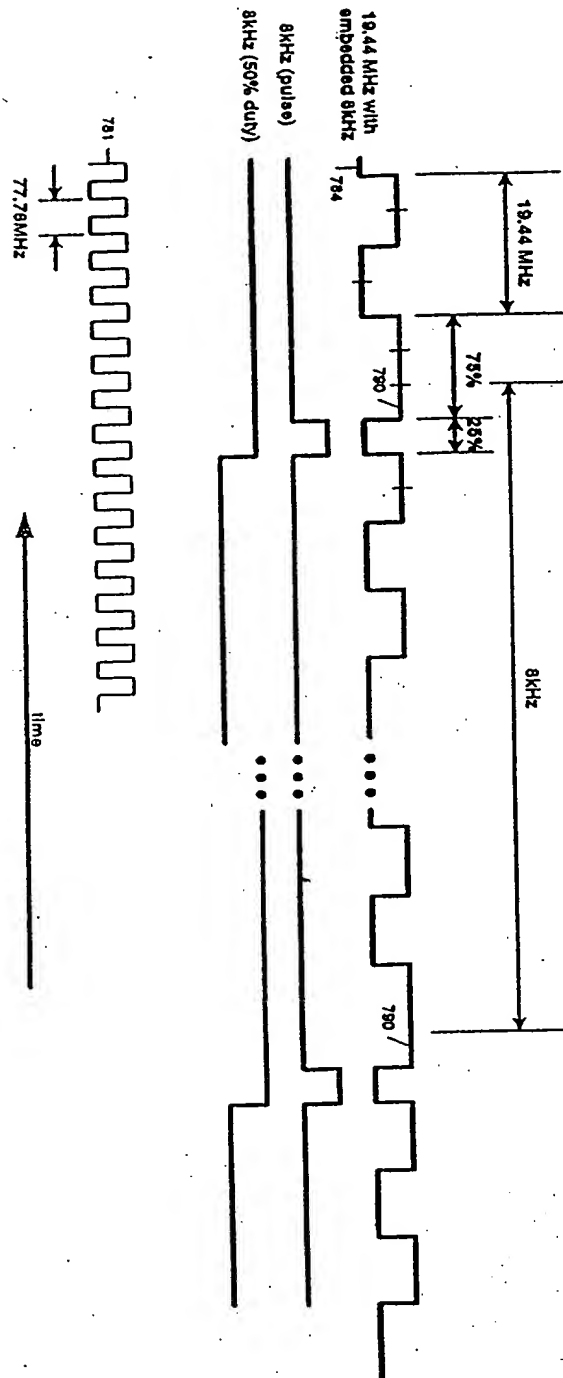


FIG. 51

00587002-404200

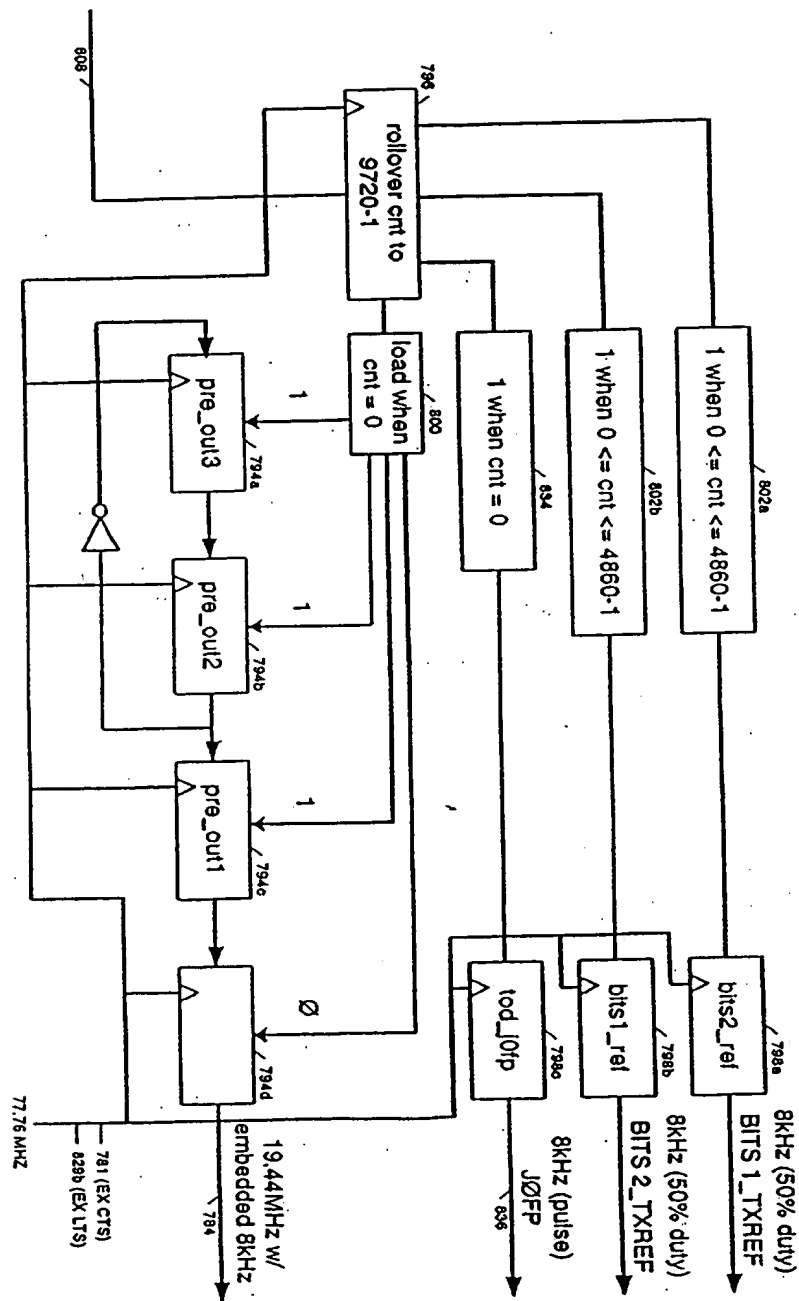
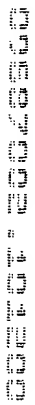


Fig. 52

00000000 00000000

[illegible]



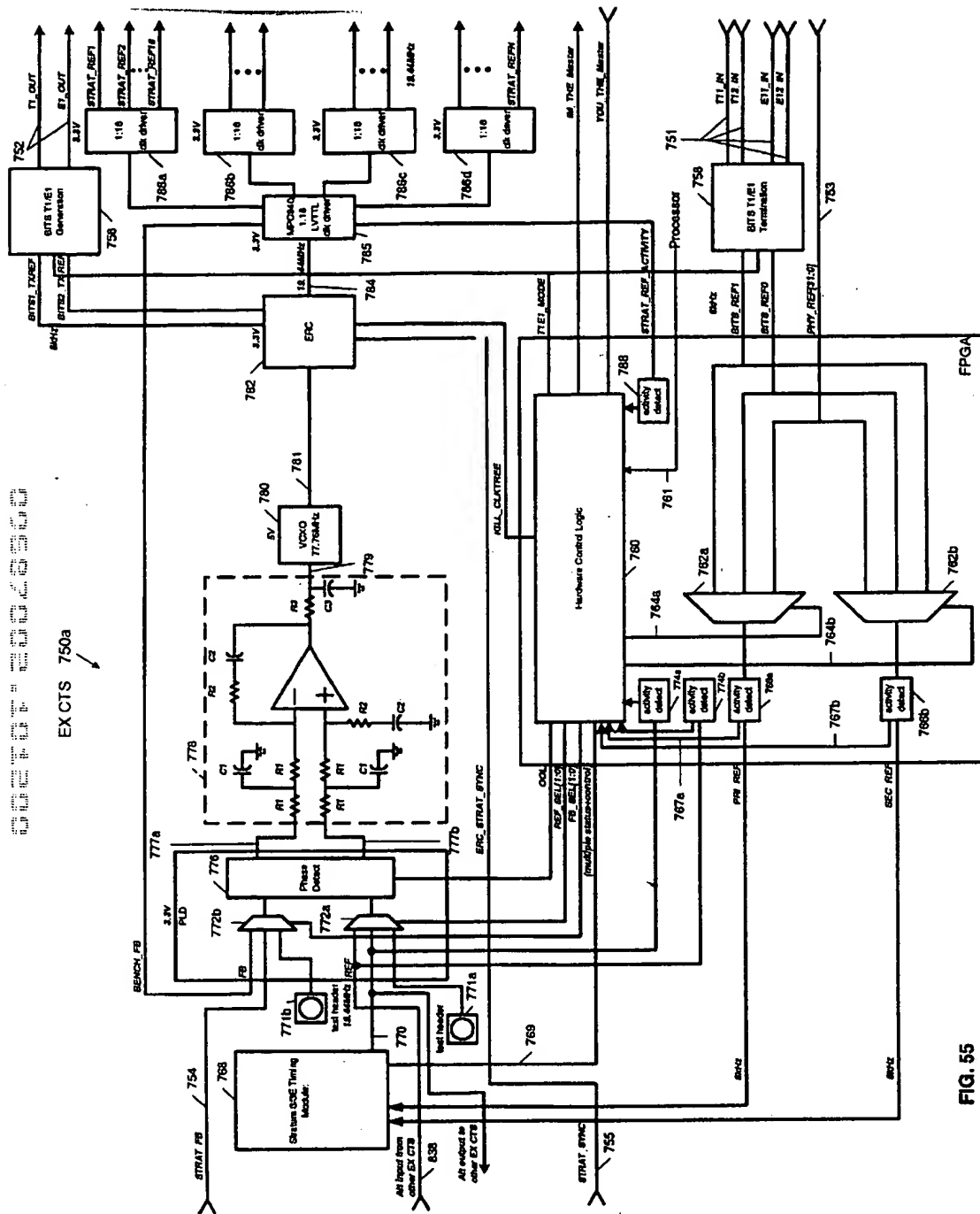


FIG. 55

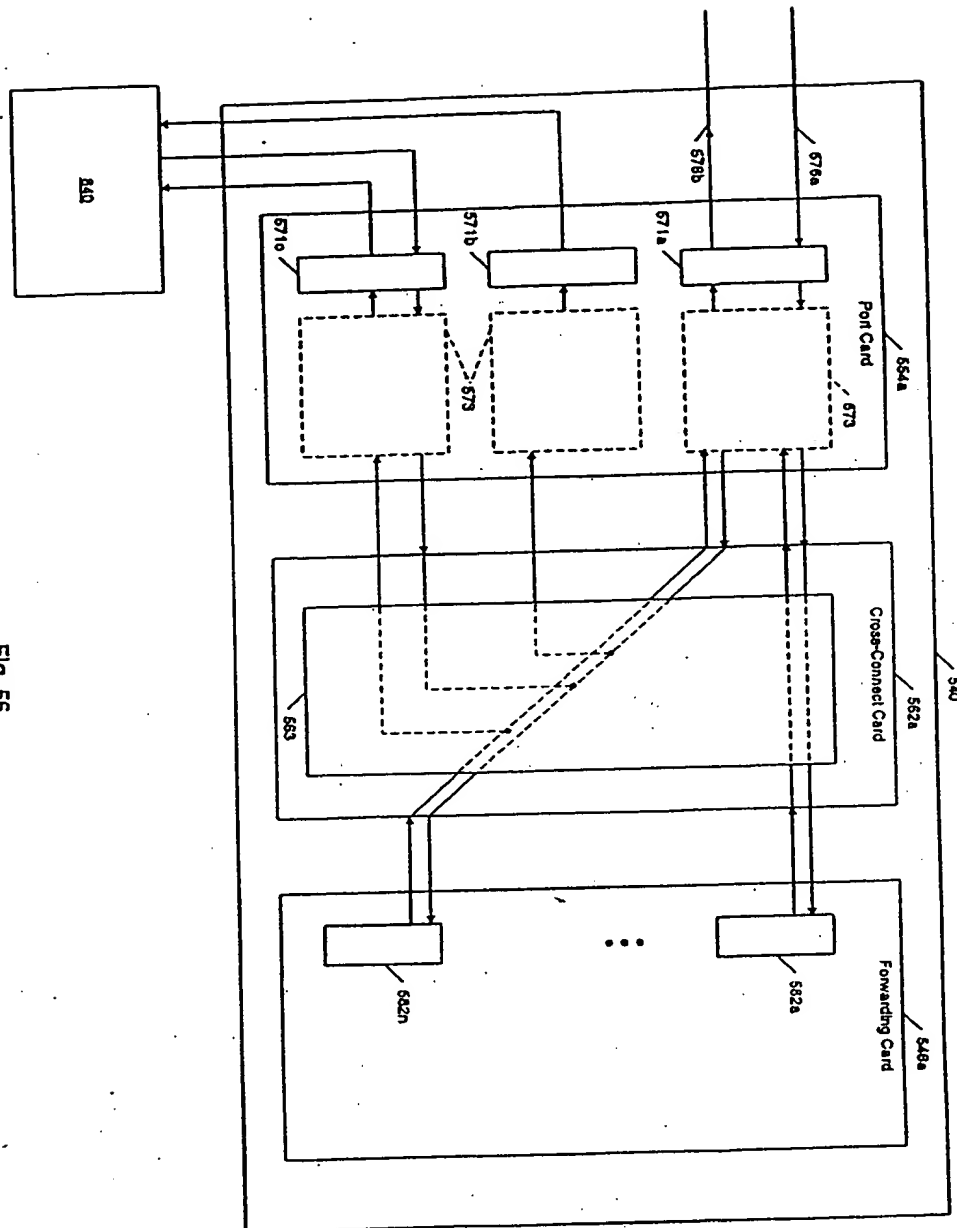
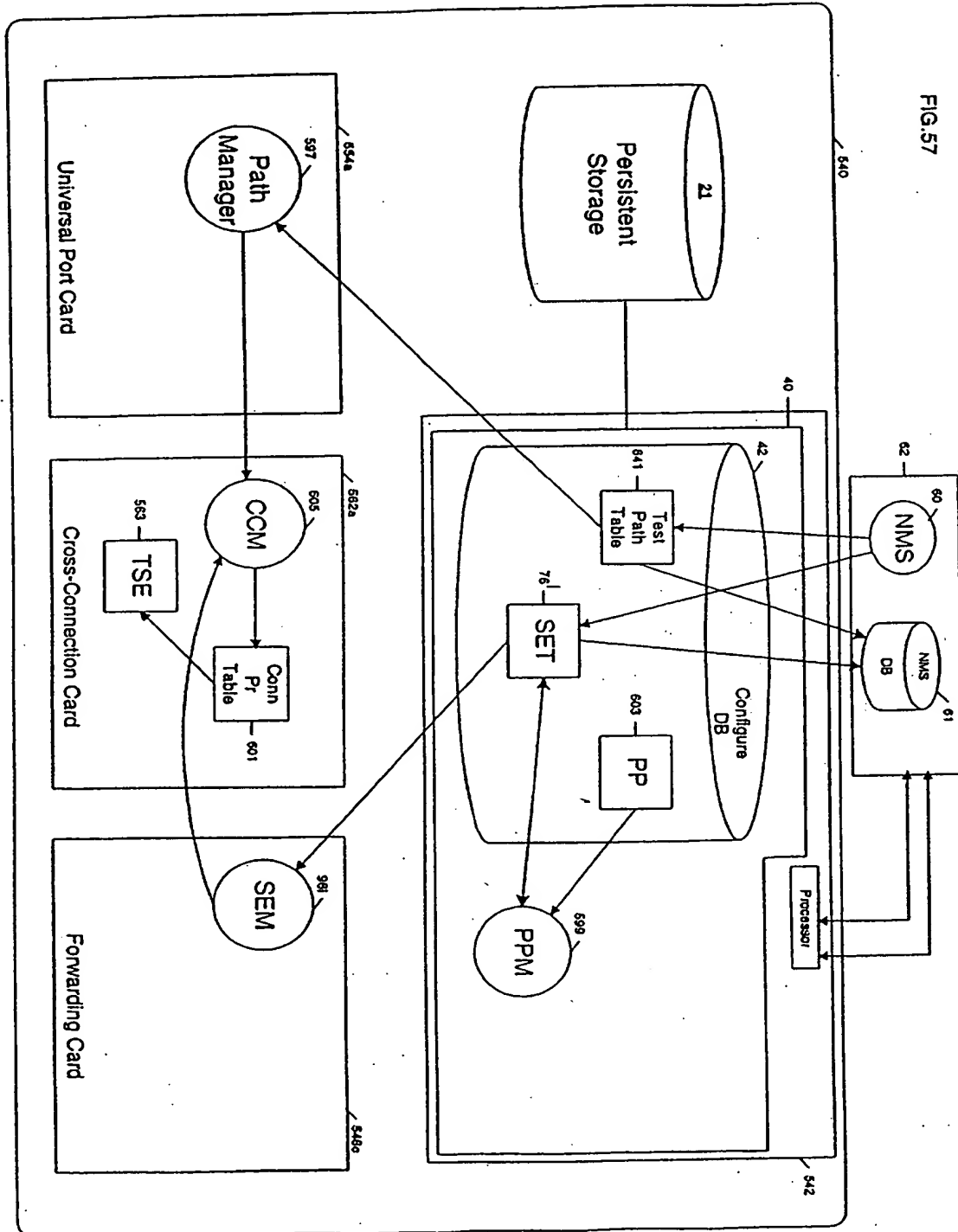


Fig. 56

00000000 101000



00000000 401000

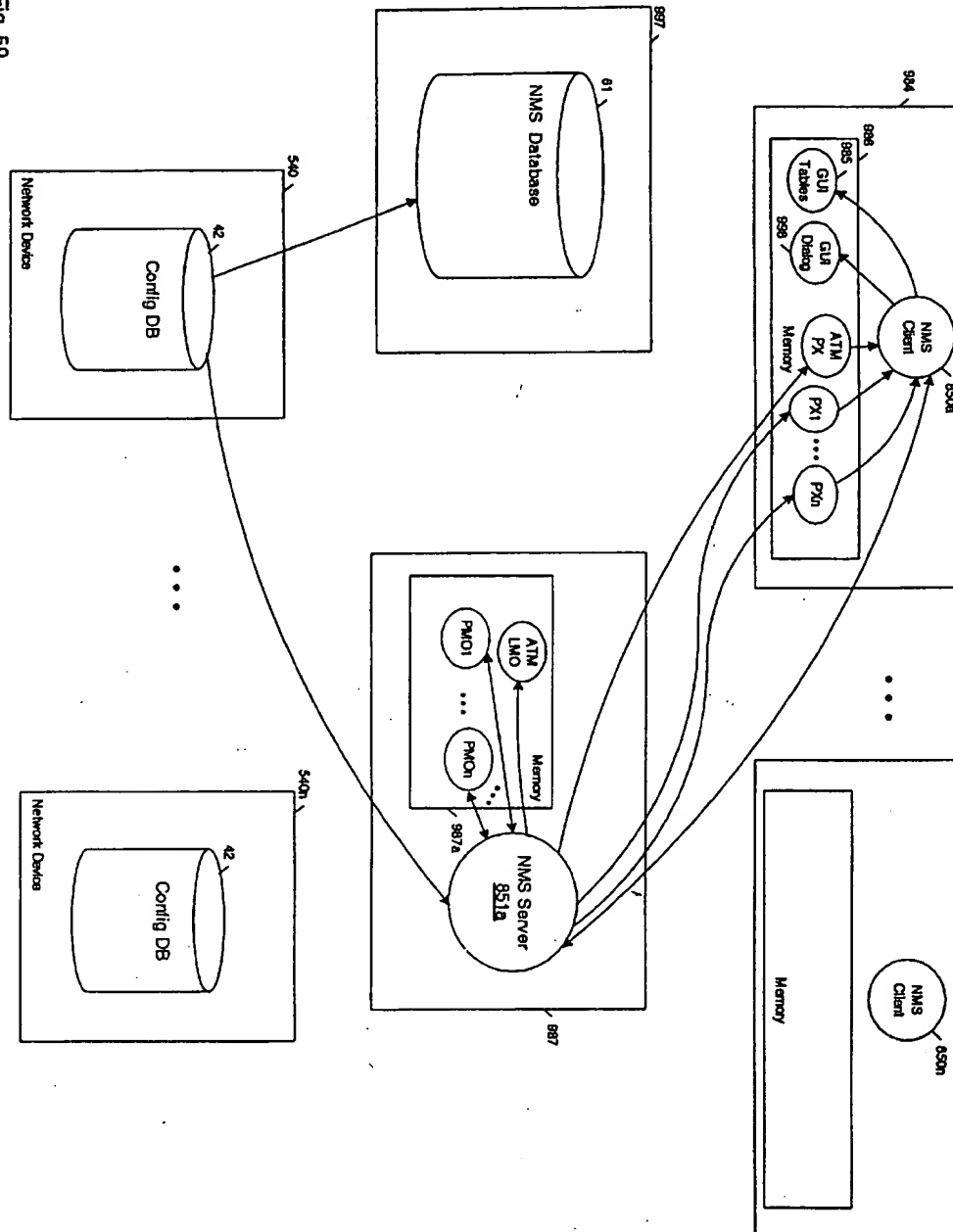
FIG. 58

Test Path Table 841

Path LID	UP Port LID	Time Slot	# of Time Slots	Monitor		Enable Port Receiver	...
				Ingress	Egress		
842 — 1666	1232	4	3	Ingress	No		
843 — 1666	1233	4	3	Egress	No		
844 — 1666	1233	4	3	Ingress	Yes		
...

00607000 101000

Fig. 59



00000000 00000000

Fig. 60a

Managed Device Table

983b	PID	A1	...	An	← 983
	1				983a

Fig. 60b

Chassis Table

988b	PID	A1	...	An	988c	Managed Device PID	988
	1					1	988a
	⋮	⋮	⋮	⋮		⋮	

Fig. 60c

Shelf Table

989a	PID	A1	...	An	989	Chassis PID	989b
	3					2	
	4					2	
	⋮	⋮	⋮	⋮		⋮	
	18					2	

Fig. 60d

Slot Table

990a	PID	A1	...	An	990	Shelf PID	990b
990c	20					3	
	21					3	
	⋮	⋮	⋮	⋮		⋮	
990d	116					18	

CARD TABLE

47a

PID	CWD TYPE	VERSION NO.	SLOT PID	...
120	0XF002	3	20	
121	0XF002	4	21	
...
124	0X6002	1	24	
...
131	0XF002	1	31	
...

47b

47'

FIG. 60e

00000000 00000000

PORT TABLE

49a

PID	PORT TYPE	VERSION NO.	CARD PID	...
300	00620	1	20	
301	00620	1	20	
302	00620	1	20	
303	00620	1	20	
304	00820	1	20	
...
400	00620	1	39	
...

49b

49

FIG. 60f

00607000 404000

FIG. 60g

SONET Path Table 600

600a	600b			
Path LID	Port PID	Time Slot	# of Time Slots	...
901	304	4	3	
...

006070002 1041200

FIG. 60h

Service EndPoint Table 76''

SE	Q	FC	FC	FC	Path	...
LID	#	PID	Slice	Time	LID	'
3000					901	
...

00507002 404200

Fig. 60j

Virtual ATM IF Table

993a	LID	A1	...	An	993b ATM IF LID	993
	7489				5054	
	⋮	⋮	⋮	⋮	⋮	

Fig. 60k

Virtual Connection Table

994a	LID	A1	...	An	994b Vir. ATM IF LID	994
	⋮	⋮	⋮	⋮	⋮	

Fig. 60L

Virtual Link Table

995a	LID	A1	...	995b An	995c Vir. Conn. LID	995 Cross-Conn. LID
	⋮	⋮	⋮	⋮	⋮	⋮

Fig. 60m

Cross-Connect Table

996a	LID	A1	...	996b An	996c Vir. Link1 LID	996 Vir. Link2 LID
	⋮	⋮	⋮	⋮	⋮	⋮

Physical Managed Object 991

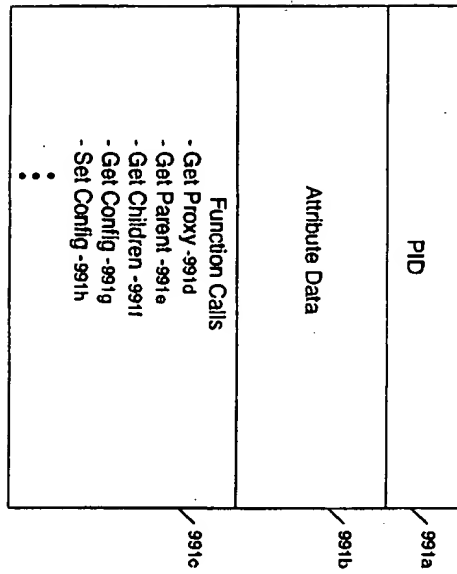


Fig. 61a

00000000 404000

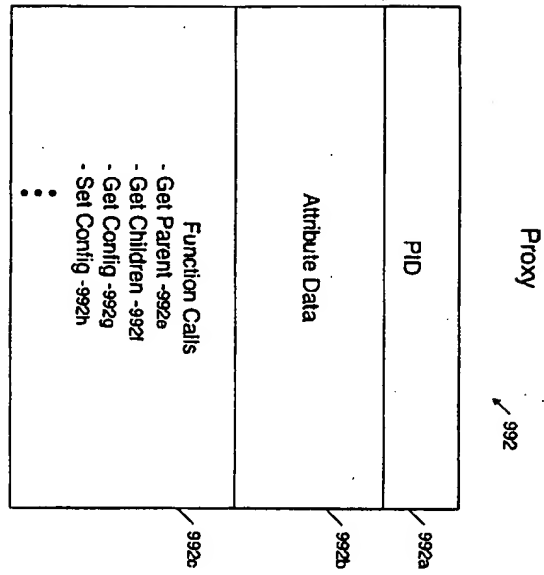
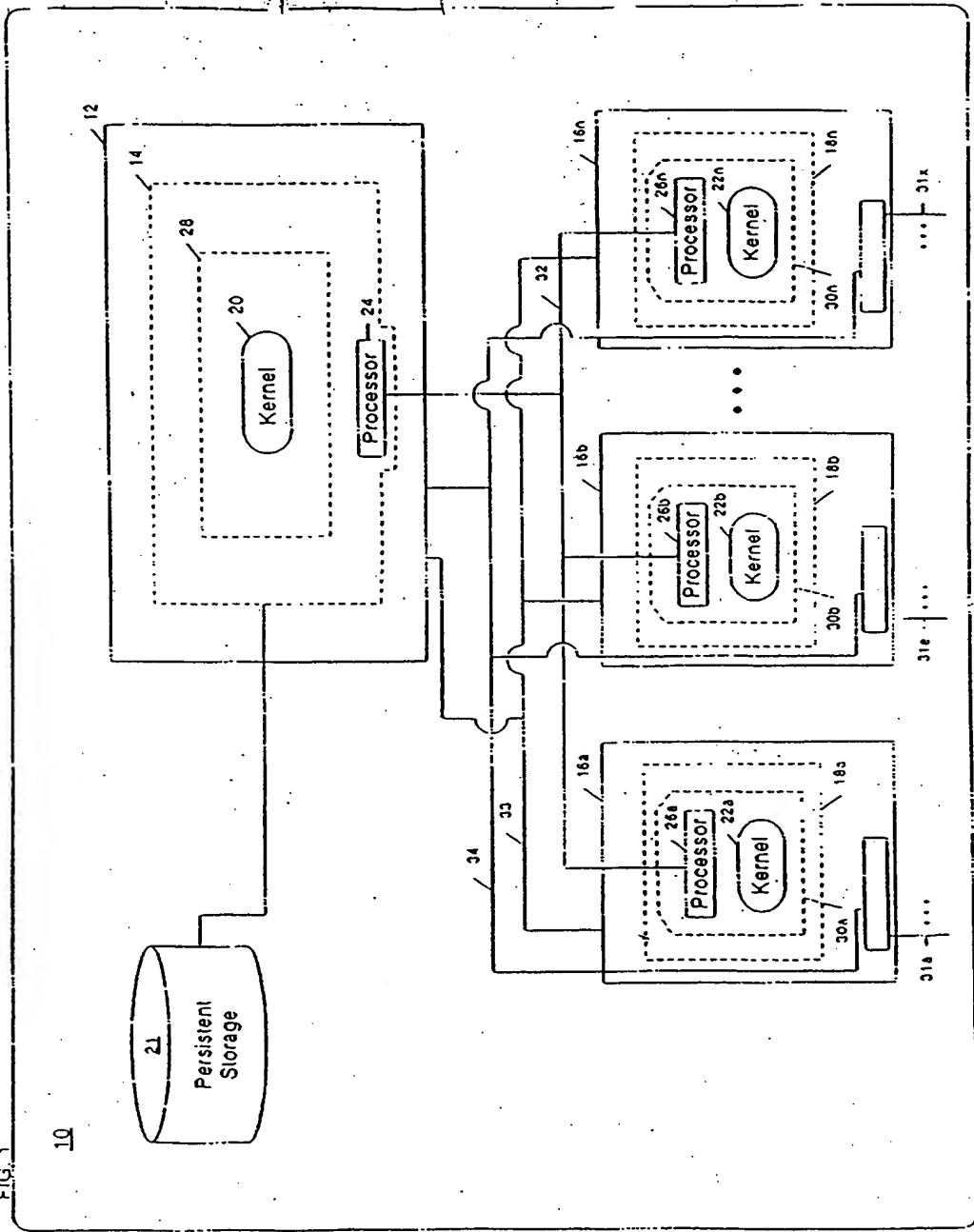


Fig. 61b

00000000 00000000

DATE FOR EDITION 2000

FIG. 1



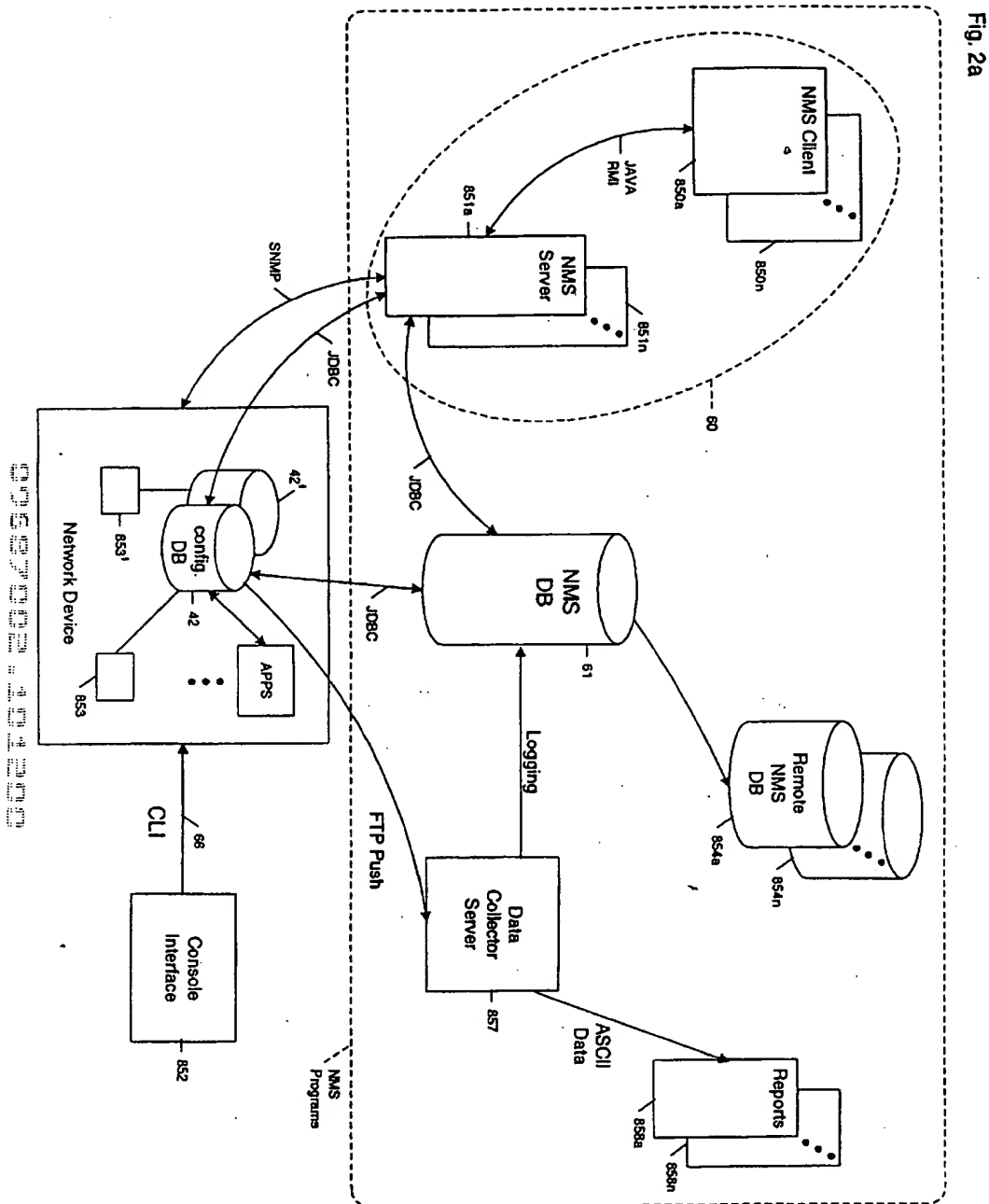
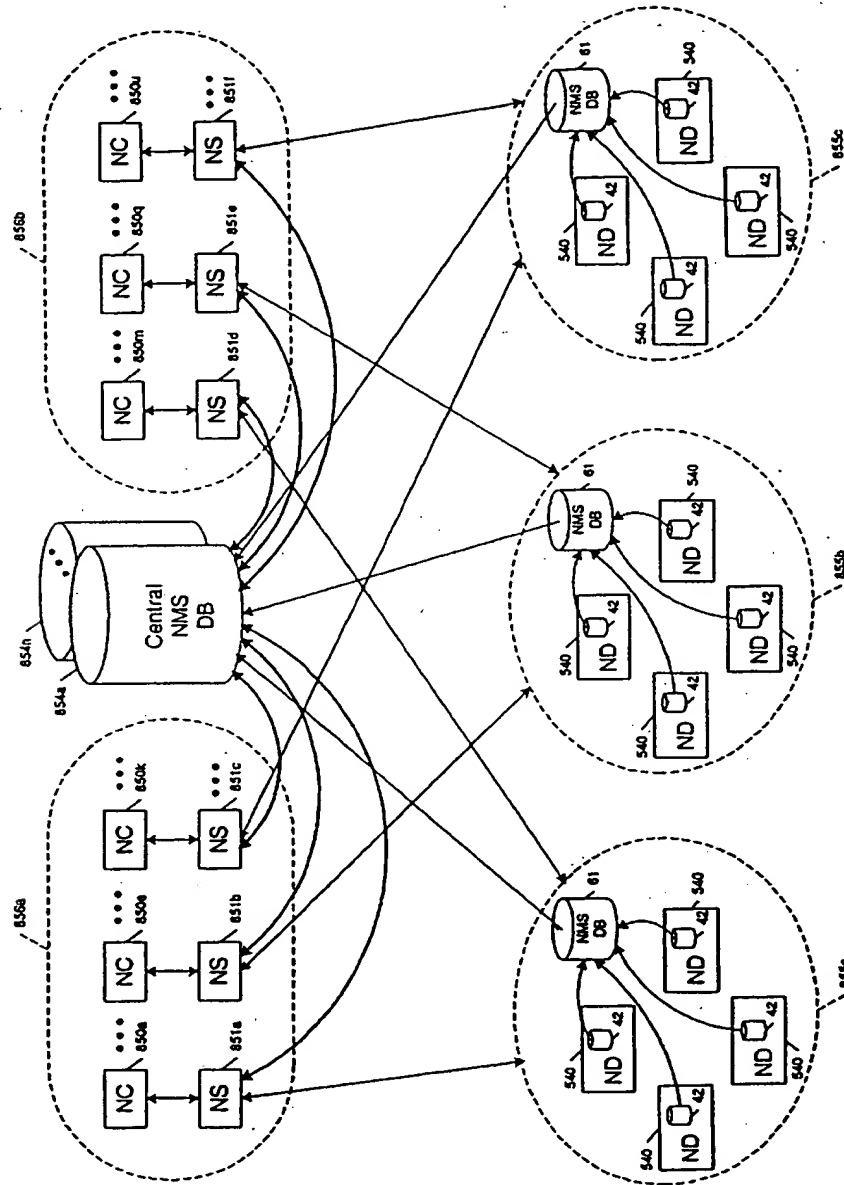
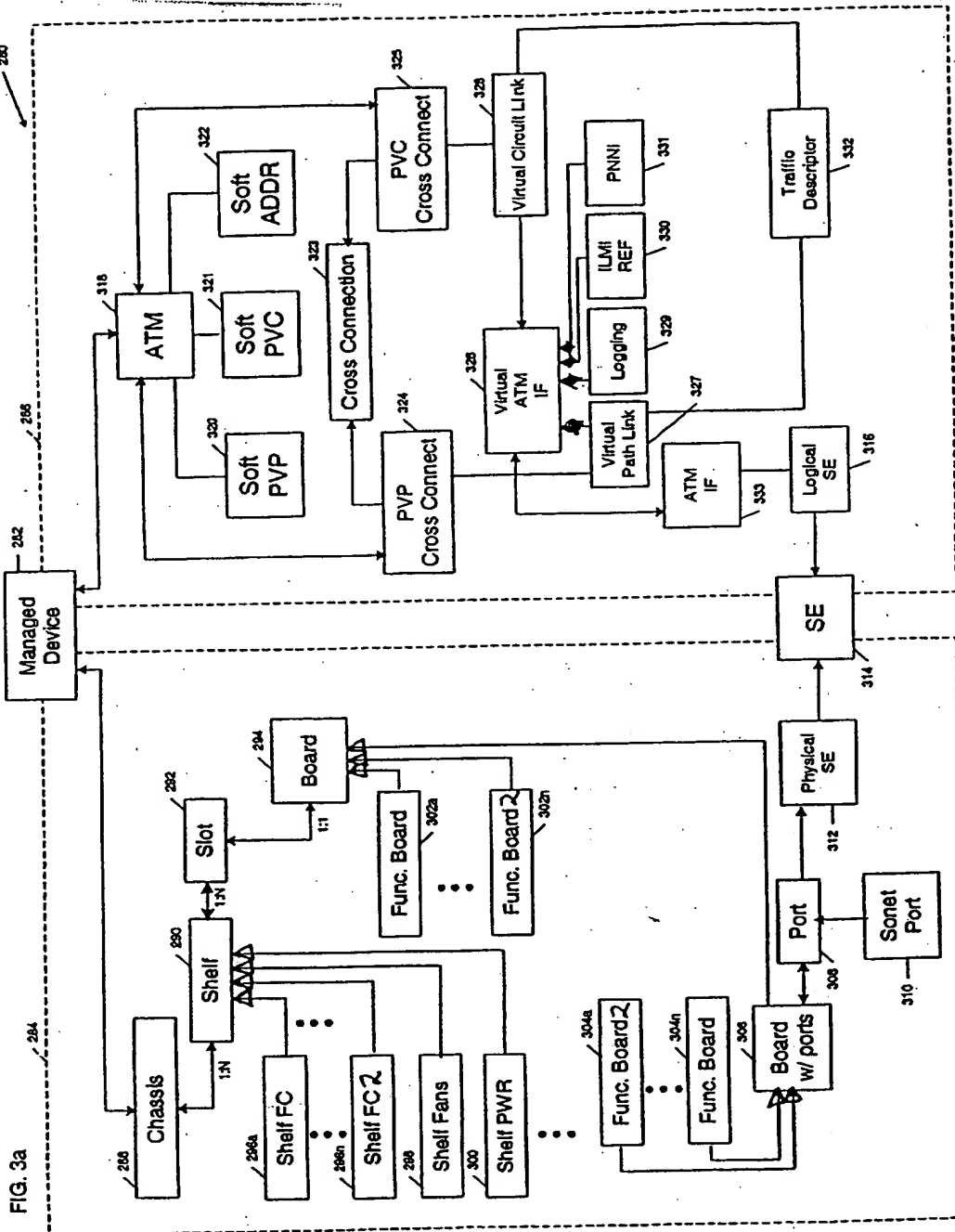


Fig. 2b





CONFIDENTIAL

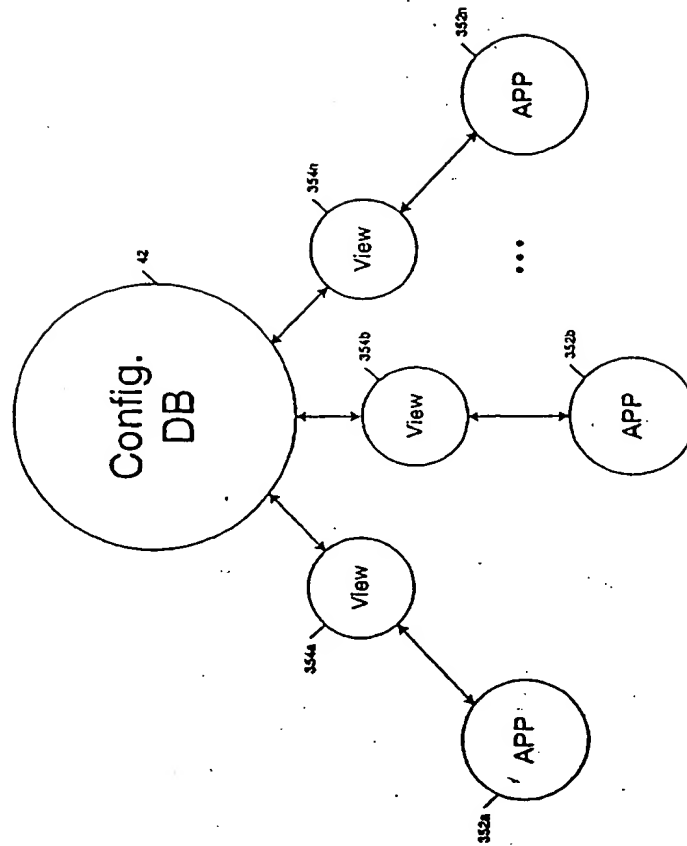


FIG. 3c

2002-07-21 2:43PM

Fig. 3d

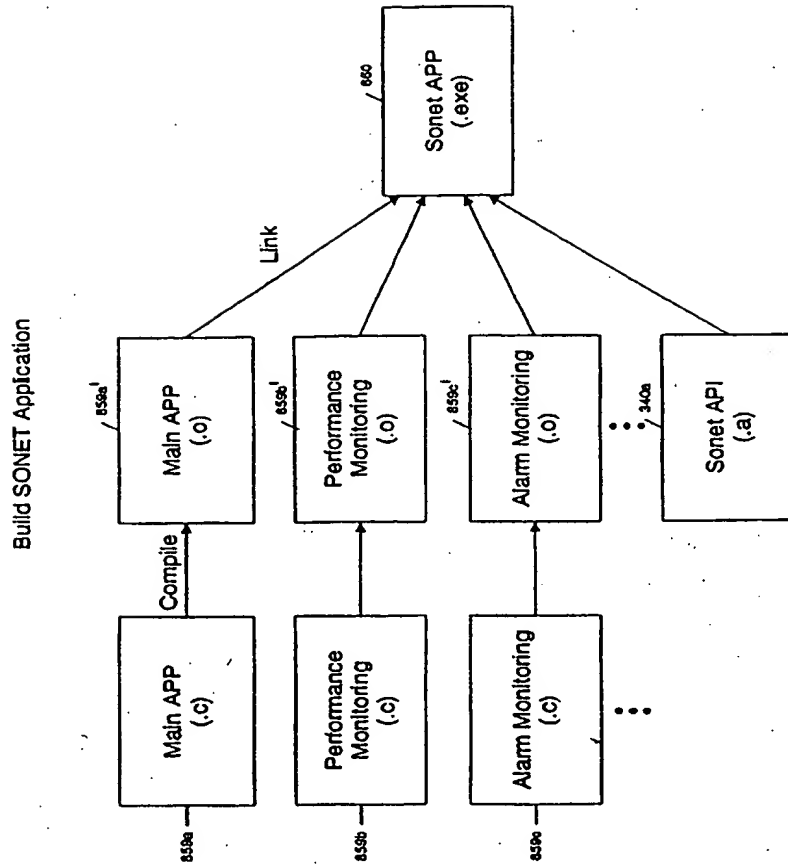
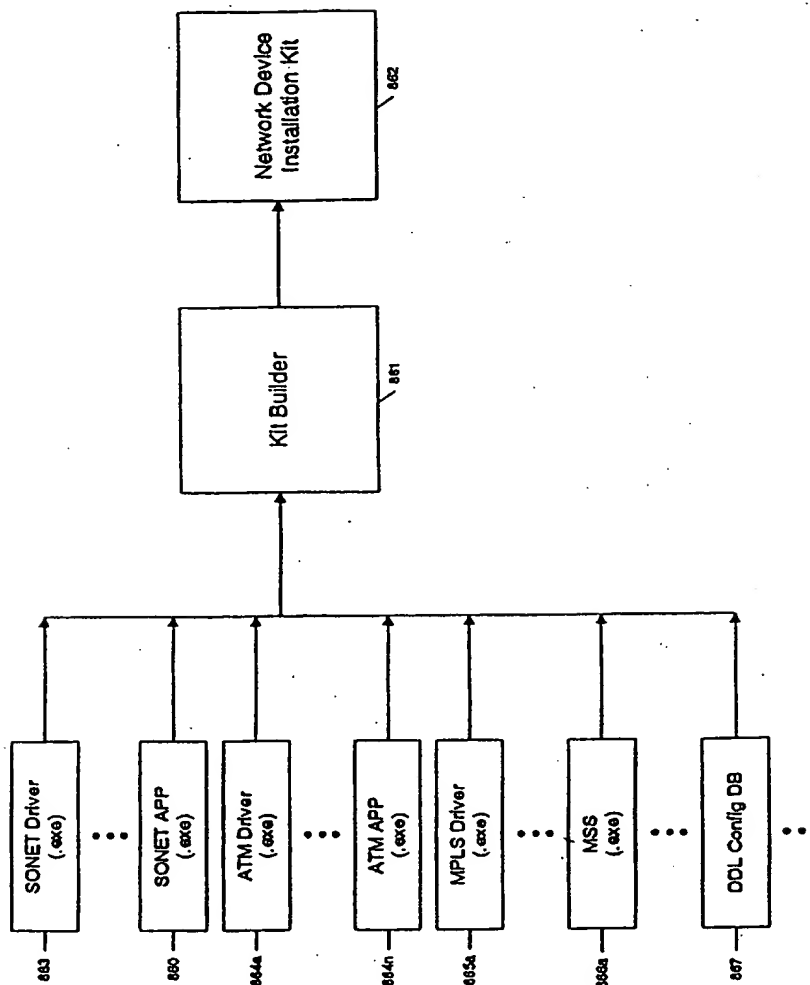


Fig. 3e



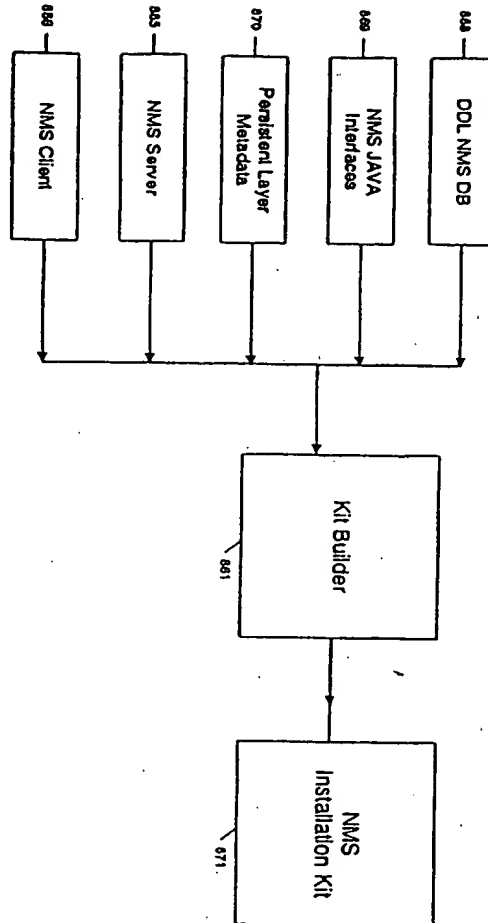


Fig. 3F

00007002-101200

Fig. 30

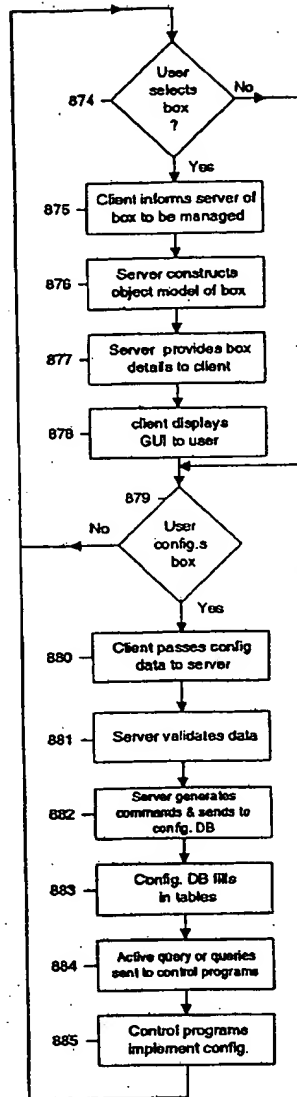
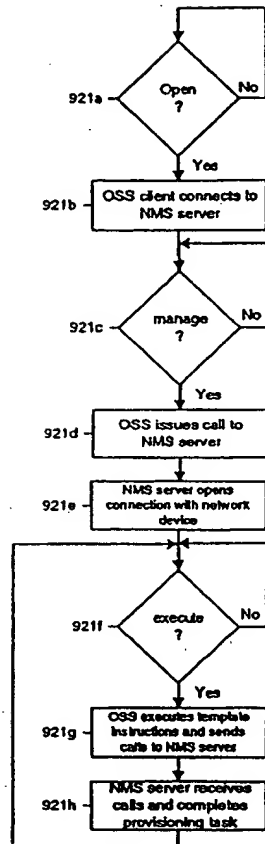


Fig. 3i

3.



431

```

922 Enetcli>
922 Enetcli> showCurrent CONTROL
922 Input=\\msncc\\con\\equipecon\\nns\\utils\\enetcli
922 Interactive=false
922 Operant=CONTROL
922 Operator=Manage
922 Output=Q:\\nns\\con\\equipecon\\nns\\utils\\enetcli
922 Password=None
922 Server=192.168.9.202
922 User=None
922 Version=V1.0.0
922 Server=localhost
922 Enetcli>

```

$\frac{1}{\sqrt{\pi}} \int_{-\infty}^{\infty} f(x) e^{-x^2} dx = \frac{1}{\sqrt{\pi}} \int_{-\infty}^{\infty} f(x) e^{-x^2} dx$

← 924 BATCH

```
924g-Task50=set-SPATH-PortID-3
924h-Task51=execute-SPATH
924i-Task52=set-SPATH-SlotID-2
924j-Task53=execute-SPATH
```

[illegible]

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3.41

925

Operator=Execute

Version=V1_1_0_0

925a—Task1=execute-CONTROL

```
9256 -Task2=execute-SPATH
```

925C - Task3=set-SPATH-PortID-3

925d — Task4=execute-SPATH

9125e - Task61=sel-CONTROL-System-192.168.9.201

9254 —Task62=execute-CONTROL

9259 —Task63=execute-SPATH

925h-Task108=close

925; -Task109=sct-CONTROL-Server-Server1

035: —Task110=set-CONTROL-System-192.168.8.200

925J — Task110=Set-CONTROL Sysm
625K — Task111=execute-CONTROL

Task112=execute-SPATH

9252

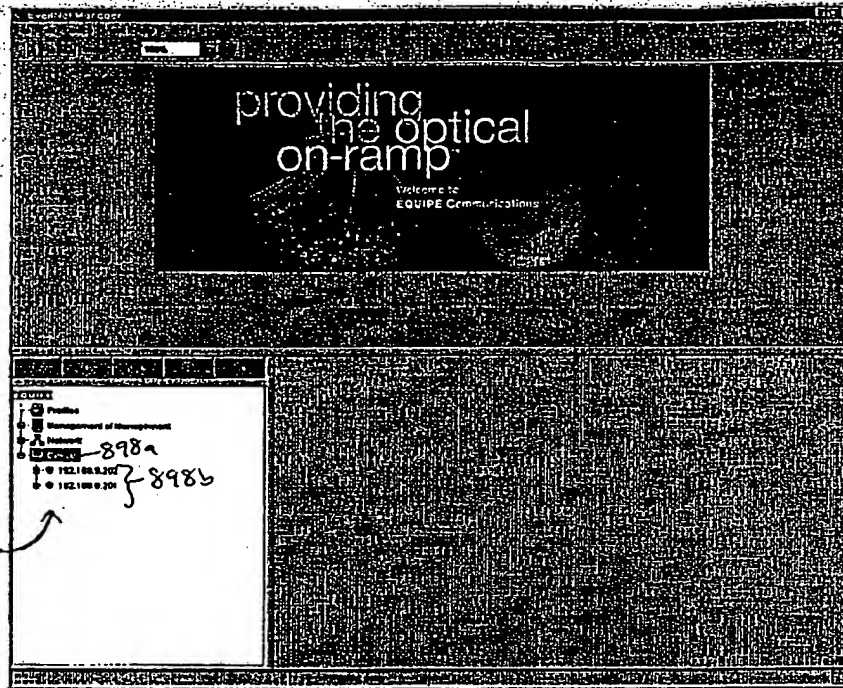


Fig. 4a

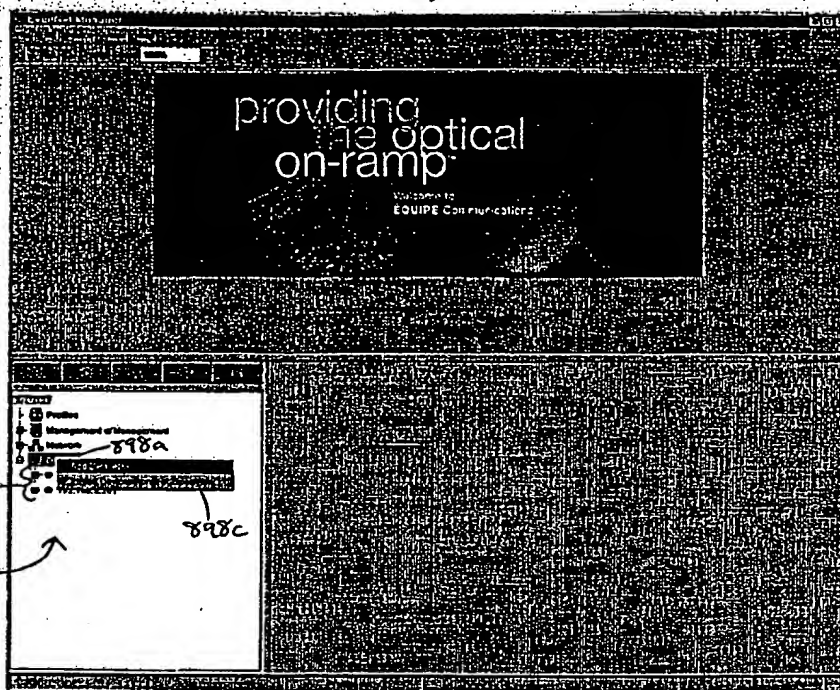


Fig. 4b

[illegible]

895

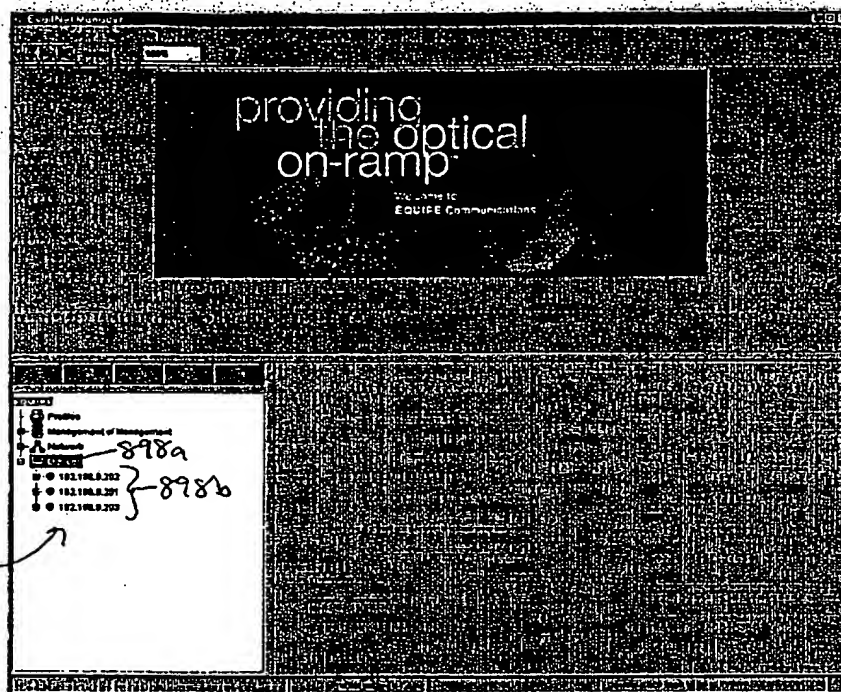
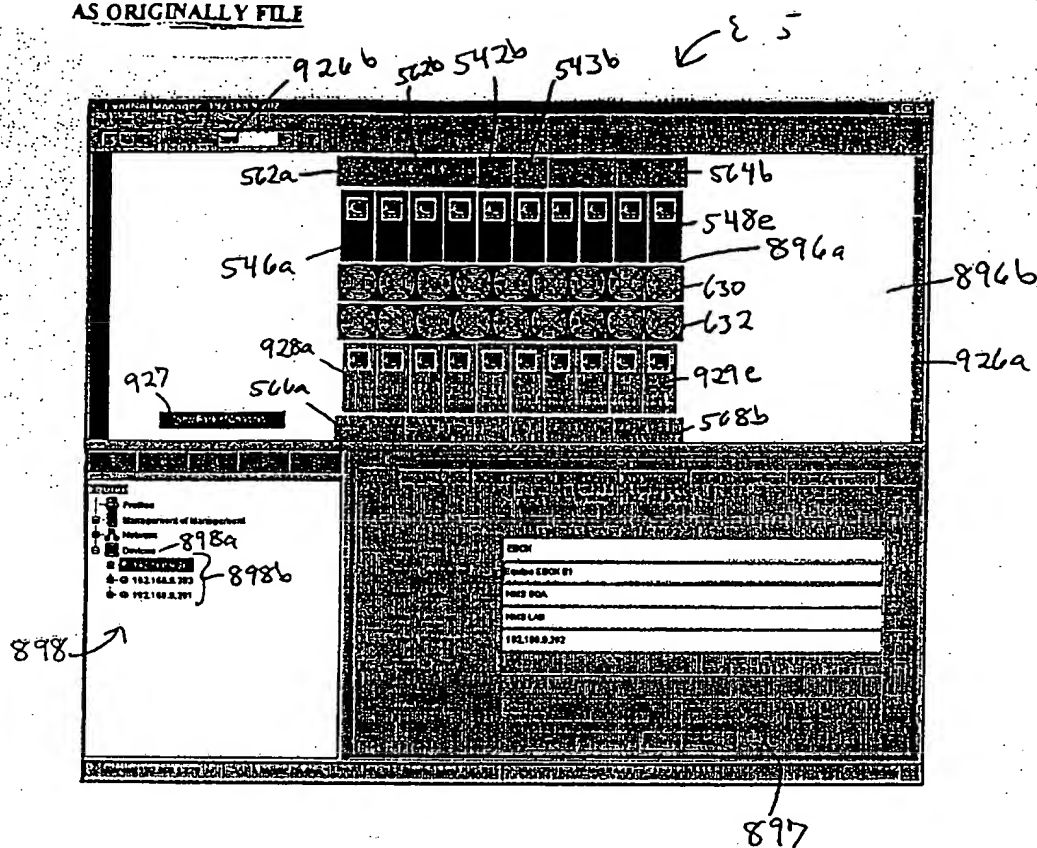
[illegible]

Fig. 4e



↙ 895

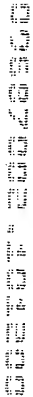


Fig. 4K

897

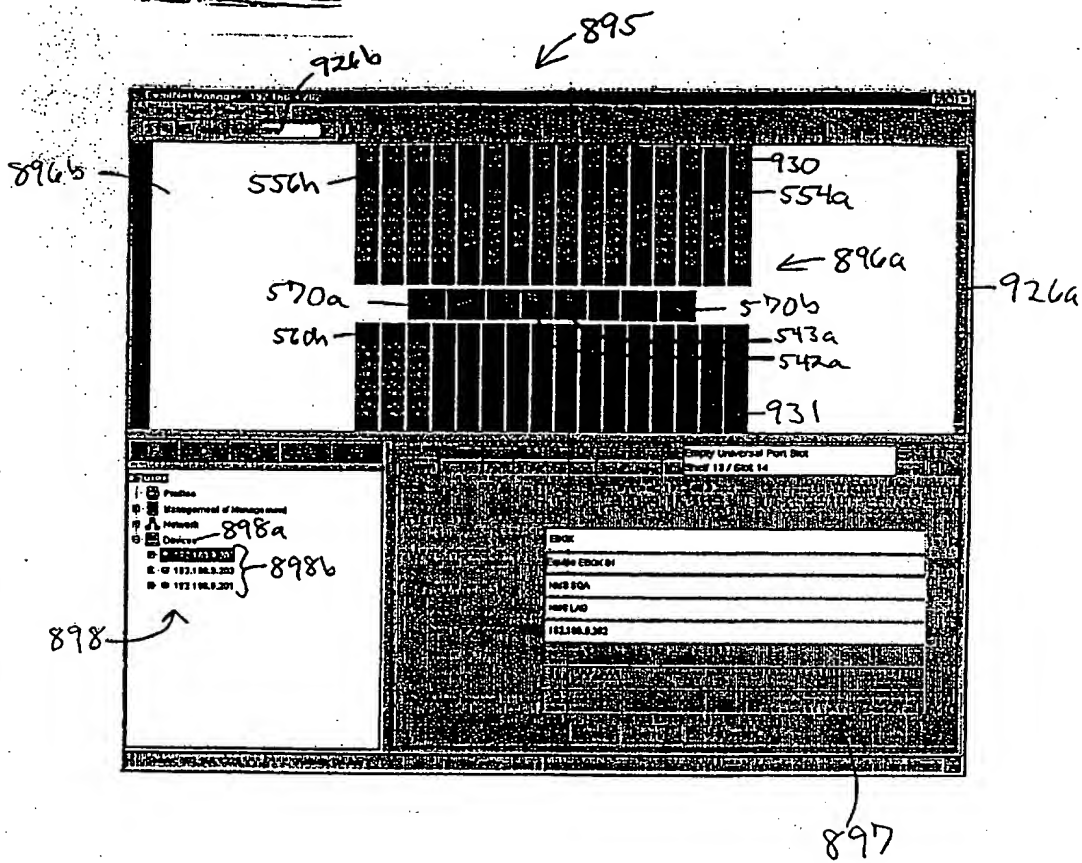


Fig. 41

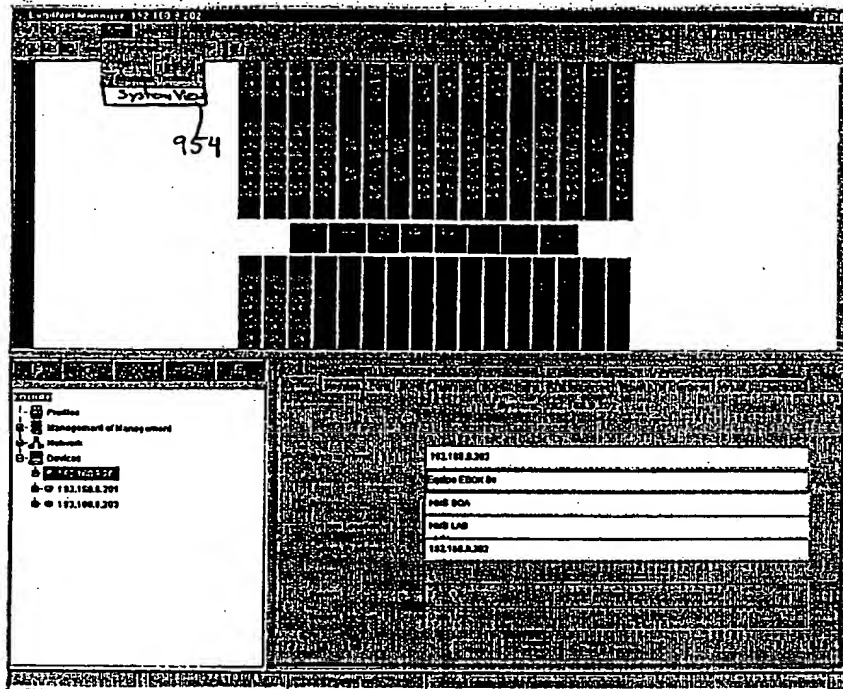
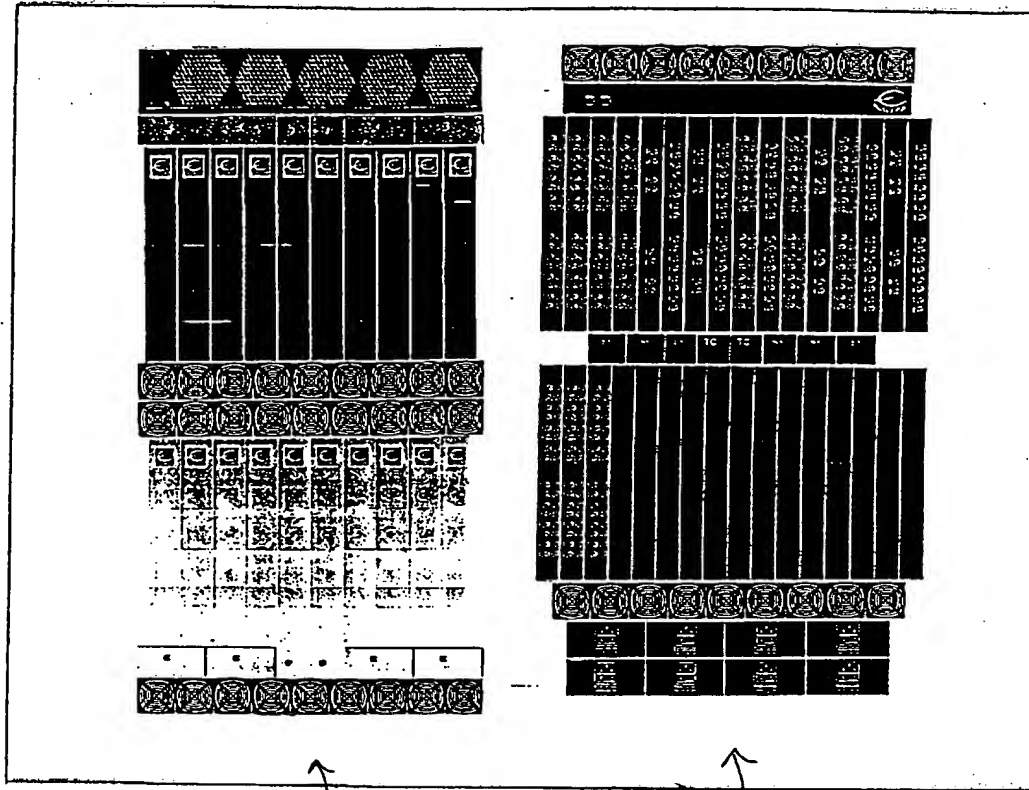


Fig. 4m

955



955a

955b

Fig. 4n

[illegible]

Fig. 40

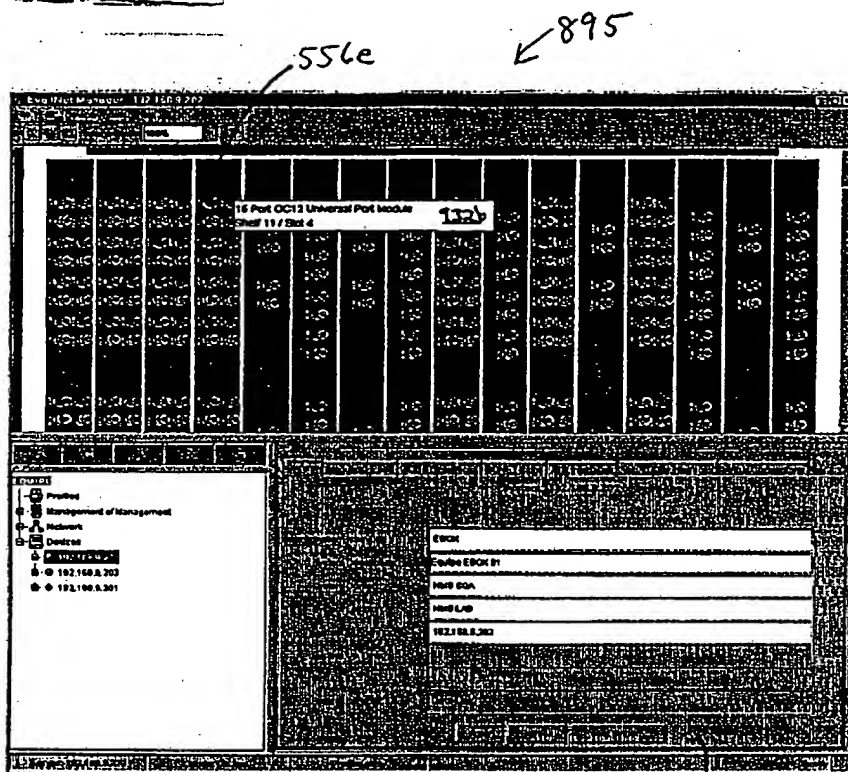


Fig. 4p

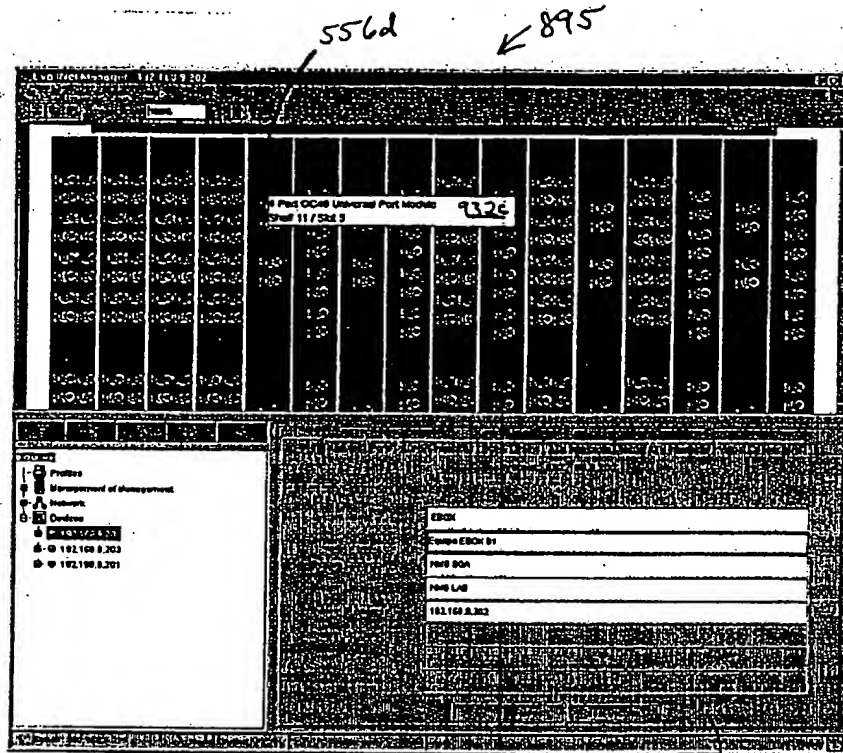


Fig. 4g

897

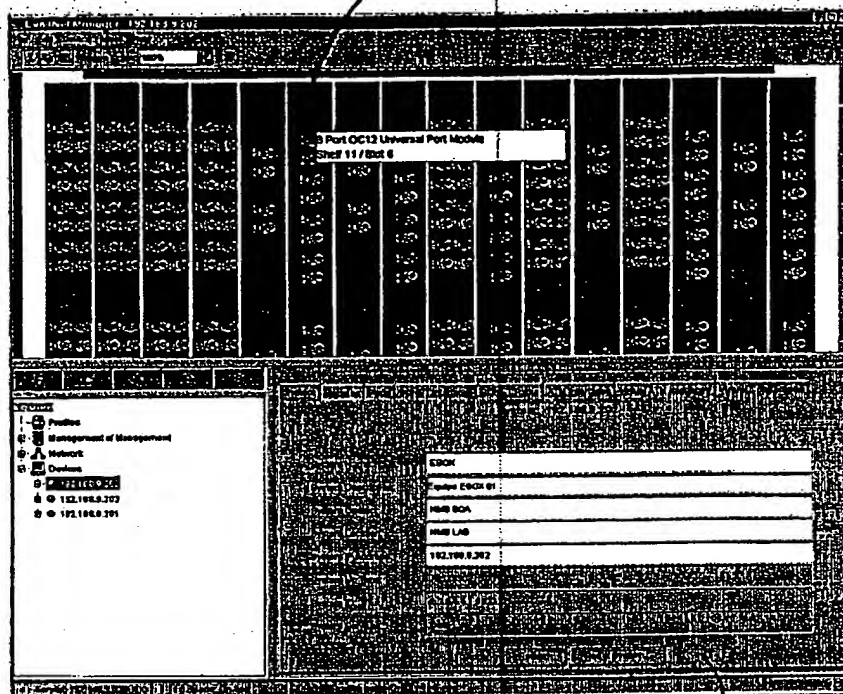


Fig. 4r

933

89

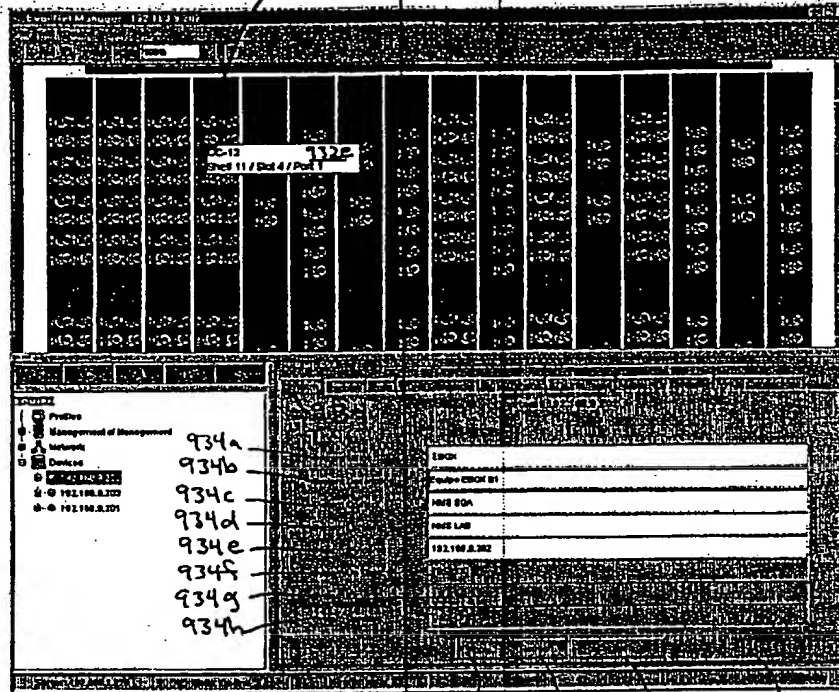


Fig. 4s

556d

895

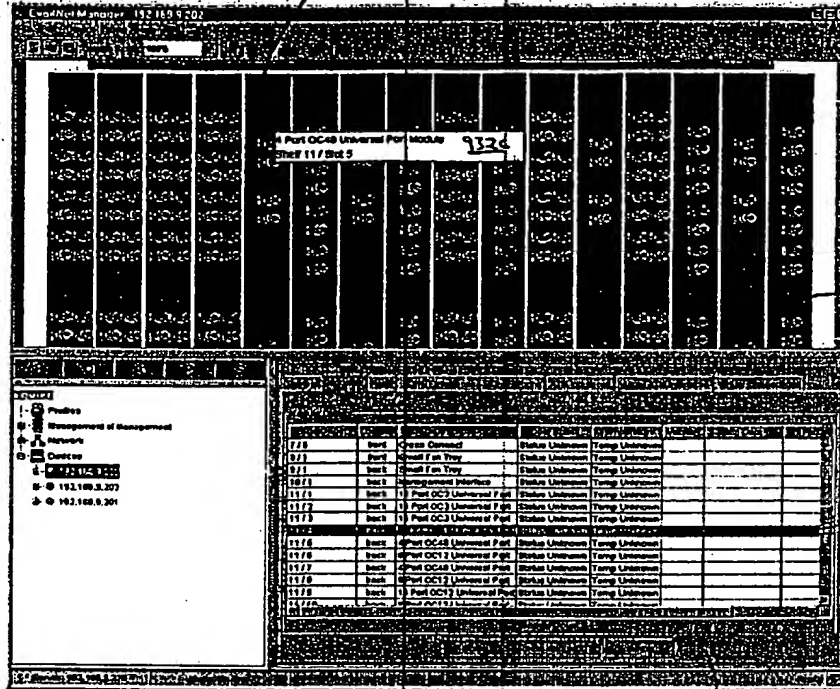


Fig. 4+

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500 ← 895

896a

897

939b

DATE	TIME	LOCATION	STATUS	REMARKS	DATE	TIME	LOCATION	STATUS	REMARKS
11/22/19	08:00	Street Part 10	DOWN	0 10:00	DOWN	Unknown	Up		
11/22/19	08:00	Street Part 11	DOWN	0 10:00	DOWN	Unknown	Up		
11/22/19	08:00	Street Part 12	DOWN	0 10:00	DOWN	Unknown	Up		
11/22/19	08:00	Street Part 13	DOWN	0 10:00	DOWN	Unknown	Up		
11/22/19	08:00	Street Part 14	DOWN	0 10:00	DOWN	Unknown	Up		
11/22/19	08:00	Street Part 15	DOWN	0 10:00	DOWN	Unknown	Up		
11/22/19	08:00	Street Part 16	DOWN	0 10:00	DOWN	Unknown	Up		
11/22/19	08:00	Street Part 17	DOWN	0 10:00	DOWN	Unknown	Up		
11/22/19	08:00	Street Part 18	DOWN	0 10:00	DOWN	Unknown	Up		
11/22/19	08:00	Street Part 19	DOWN	0 10:00	DOWN	Unknown	Up		
11/22/19	08:00	Street Part 20	DOWN	0 10:00	DOWN	Unknown	Up		

Fig. 4u

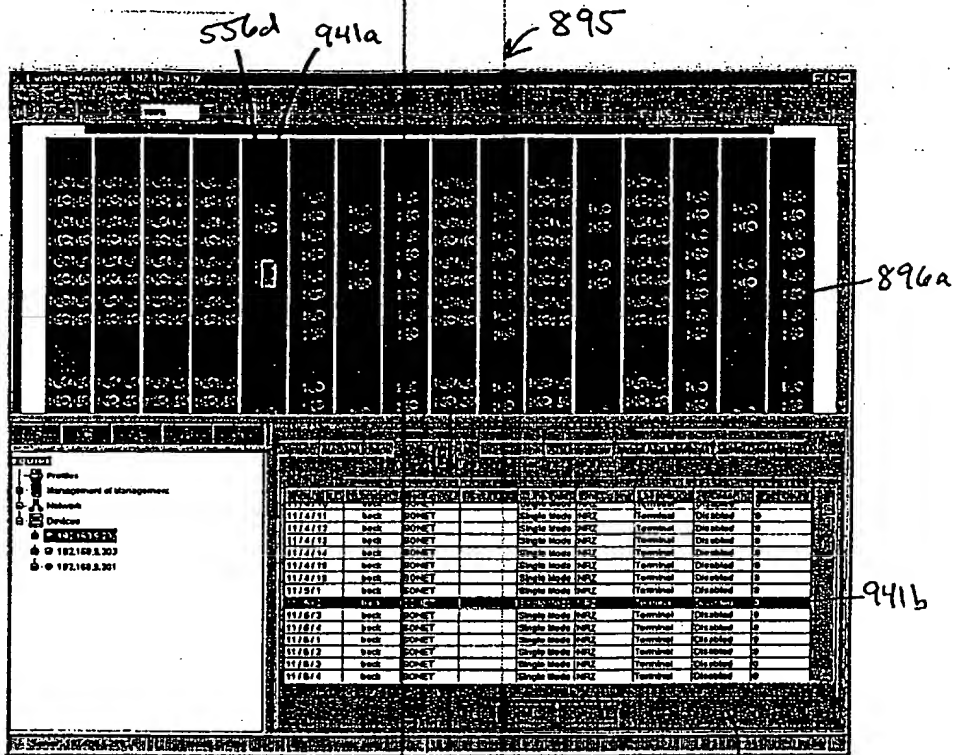


Fig. 4v

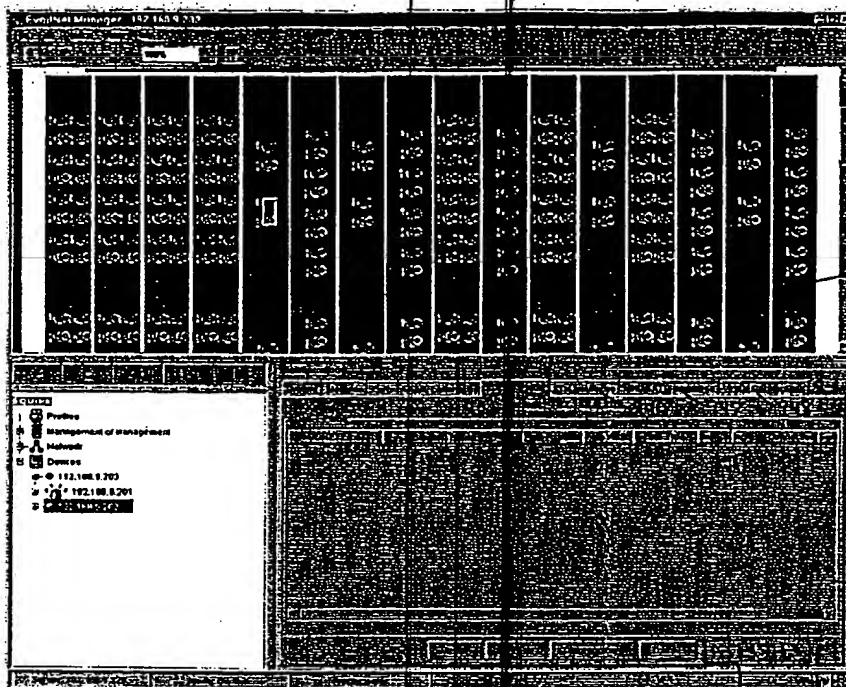


Fig. 4w

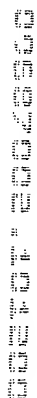


Fig. 4x

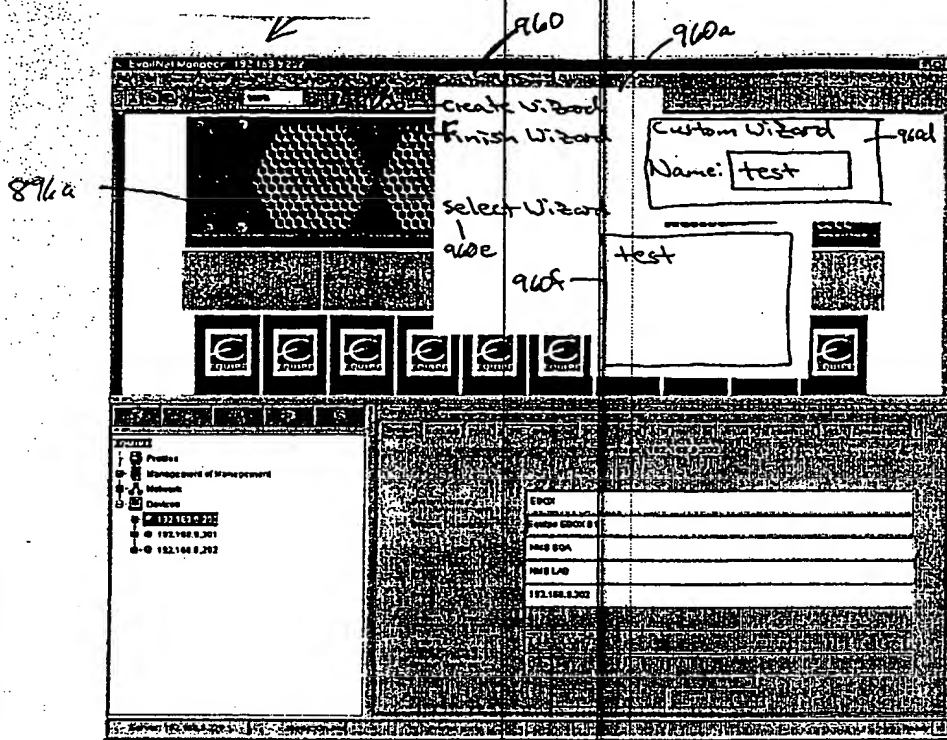


Fig. 4y



Fig. 42

[illegible]

← 895

943

Network Diagram:

The diagram shows a central switch (SW1) connected to multiple servers (S1, S2, S3, S4, S5, S6, S7, S8, S9, S10, S11, S12, S13, S14, S15, S16, S17, S18, S19, S20, S21, S22, S23, S24, S25, S26, S27, S28, S29, S30, S31, S32, S33, S34, S35, S36, S37, S38, S39, S40, S41, S42, S43, S44, S45, S46, S47, S48, S49, S50, S51, S52, S53, S54, S55, S56, S57, S58, S59, S60, S61, S62, S63, S64, S65, S66, S67, S68, S69, S70, S71, S72, S73, S74, S75, S76, S77, S78, S79, S80, S81, S82, S83, S84, S85, S86, S87, S88, S89, S90, S91, S92, S93, S94, S95, S96, S97, S98, S99, S100). The switch is connected to a central bus, which is then connected to the servers.

Network Device List:

IP Address	Device Name	Device Type	Status	Location	Notes
192.168.0.1	SW1	Switch	Up	Core	
192.168.0.2	S1	Server	Up	Server Room	
192.168.0.3	S2	Server	Up	Server Room	
192.168.0.4	S3	Server	Up	Server Room	
192.168.0.5	S4	Server	Up	Server Room	
192.168.0.6	S5	Server	Up	Server Room	
192.168.0.7	S6	Server	Up	Server Room	
192.168.0.8	S7	Server	Up	Server Room	
192.168.0.9	S8	Server	Up	Server Room	
192.168.0.10	S9	Server	Up	Server Room	
192.168.0.11	S10	Server	Up	Server Room	
192.168.0.12	S11	Server	Up	Server Room	
192.168.0.13	S12	Server	Up	Server Room	
192.168.0.14	S13	Server	Up	Server Room	
192.168.0.15	S14	Server	Up	Server Room	
192.168.0.16	S15	Server	Up	Server Room	
192.168.0.17	S16	Server	Up	Server Room	
192.168.0.18	S17	Server	Up	Server Room	
192.168.0.19	S18	Server	Up	Server Room	
192.168.0.20	S19	Server	Up	Server Room	
192.168.0.21	S20	Server	Up	Server Room	
192.168.0.22	S21	Server	Up	Server Room	
192.168.0.23	S22	Server	Up	Server Room	
192.168.0.24	S23	Server	Up	Server Room	
192.168.0.25	S24	Server	Up	Server Room	
192.168.0.26	S25	Server	Up	Server Room	
192.168.0.27	S26	Server	Up	Server Room	
192.168.0.28	S27	Server	Up	Server Room	
192.168.0.29	S28	Server	Up	Server Room	
192.168.0.30	S29	Server	Up	Server Room	
192.168.0.31	S30	Server	Up	Server Room	
192.168.0.32	S31	Server	Up	Server Room	
192.168.0.33	S32	Server	Up	Server Room	
192.168.0.34	S33	Server	Up	Server Room	
192.168.0.35	S34	Server	Up	Server Room	
192.168.0.36	S35	Server	Up	Server Room	
192.168.0.37	S36	Server	Up	Server Room	
192.168.0.38	S37	Server	Up	Server Room	
192.168.0.39	S38	Server	Up	Server Room	
192.168.0.40	S39	Server	Up	Server Room	
192.168.0.41	S40	Server	Up	Server Room	
192.168.0.42	S41	Server	Up	Server Room	
192.168.0.43	S42	Server	Up	Server Room	
192.168.0.44	S43	Server	Up	Server Room	
192.168.0.45	S44	Server	Up	Server Room	
192.168.0.46	S45	Server	Up	Server Room	
192.168.0.47	S46	Server	Up	Server Room	
192.168.0.48	S47	Server	Up	Server Room	
192.168.0.49	S48	Server	Up	Server Room	
192.168.0.50	S49	Server	Up	Server Room	
192.168.0.51	S50	Server	Up	Server Room	
192.168.0.52	S51	Server	Up	Server Room	
192.168.0.53	S52	Server	Up	Server Room	
192.168.0.54	S53	Server	Up	Server Room	
192.168.0.55	S54	Server	Up	Server Room	
192.168.0.56	S55	Server	Up	Server Room	
192.168.0.57	S56	Server	Up	Server Room	
192.168.0.58	S57	Server	Up	Server Room	
192.168.0.59	S58	Server	Up	Server Room	
192.168.0.60	S59	Server	Up	Server Room	
192.168.0.61	S60	Server	Up	Server Room	
192.168.0.62	S61	Server	Up	Server Room	
192.168.0.63	S62	Server	Up	Server Room	
192.168.0.64	S63	Server	Up	Server Room	
192.168.0.65	S64	Server	Up	Server Room	
192.168.0.66	S65	Server	Up	Server Room	
192.168.0.67	S66	Server	Up	Server Room	
192.168.0.68	S67	Server	Up	Server Room	
192.168.0.69	S68	Server	Up	Server Room	
192.168.0.70	S69	Server	Up	Server Room	
192.168.0.71	S70	Server	Up	Server Room	
192.168.0.72	S71	Server	Up	Server Room	
192.168.0.73	S72	Server	Up	Server Room	
192.168.0.74	S73	Server	Up	Server Room	
192.168.0.75	S74	Server	Up	Server Room	
192.168.0.76	S75	Server	Up	Server Room	
192.168.0.77	S76	Server	Up	Server Room	
192.168.0.78	S77	Server	Up	Server Room	
192.168.0.79	S78	Server	Up	Server Room	
192.168.0.80	S79	Server	Up	Server Room	
192.168.0.81	S80	Server	Up	Server Room	
192.168.0.82	S81	Server	Up	Server Room	
192.168.0.83	S82	Server	Up	Server Room	
192.168.0.84	S83	Server	Up	Server Room	
192.168.0.85	S84	Server	Up	Server Room	
192.168.0.86	S85	Server	Up	Server Room	
192.168.0.87	S86	Server	Up	Server Room	
192.168.0.88	S87	Server	Up	Server Room	
192.168.0.89	S88	Server	Up	Server Room	
192.168.0.90	S89	Server	Up	Server Room	
192.168.0.91	S90	Server	Up	Server Room	
192.168.0.92	S91	Server	Up	Server Room	
192.168.0.93	S92	Server	Up	Server Room	
192.168.0.94	S93	Server	Up	Server Room	
192.168.0.95	S94	Server	Up	Server Room	
192.168.0.96	S95	Server	Up	Server Room	
192.168.0.97	S96	Server	Up	Server Room	
192.168.0.98	S97	Server	Up	Server Room	
192.168.0.99	S98	Server	Up	Server Room	
192.168.0.100	S99	Server	Up	Server Room	
192.168.0.101	S100	Server	Up	Server Room	

-896a

49396

897

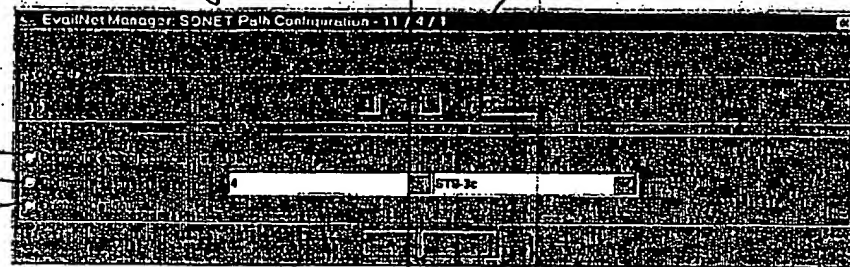
Fig. 5a

Fig. 5b

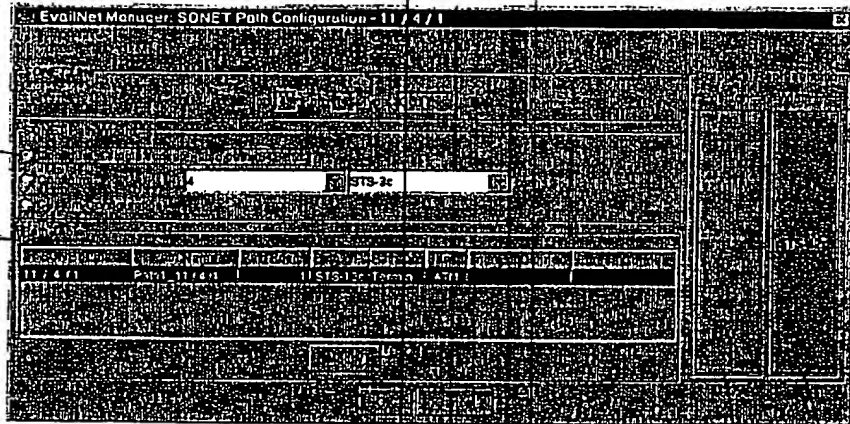
944

944b
944c
944d

944a



944b
944g



944

944e

944f

Fig. 5c

$\approx 9.5d$

- १५५

944a

944c

944g

SONET ID	Port	Port ID	Port Name	Port Type	Port Status	Port Description	Port Location	Port Notes
11 / 4 / 1	Port 1	11 / 4 / 1	1	STS-3c	Terminated	ATM		
11 / 4 / 1	Port 2	11 / 4 / 1	4	STS-3c	Terminated	ATM		
11 / 4 / 1	Port 3	11 / 4 / 1	7	STS-3c	Terminated	ATM		
11 / 4 / 1	Port 4	11 / 4 / 1	10	STS-3c	Terminated	ATM		

944f

944e

EventNet Manager: SONET Path Configuration - 11/4/1

ID	Name	Type	Status
1	STS-12c	Terminating	STH

944a 944b 944c 944d

Fig. 5c

895

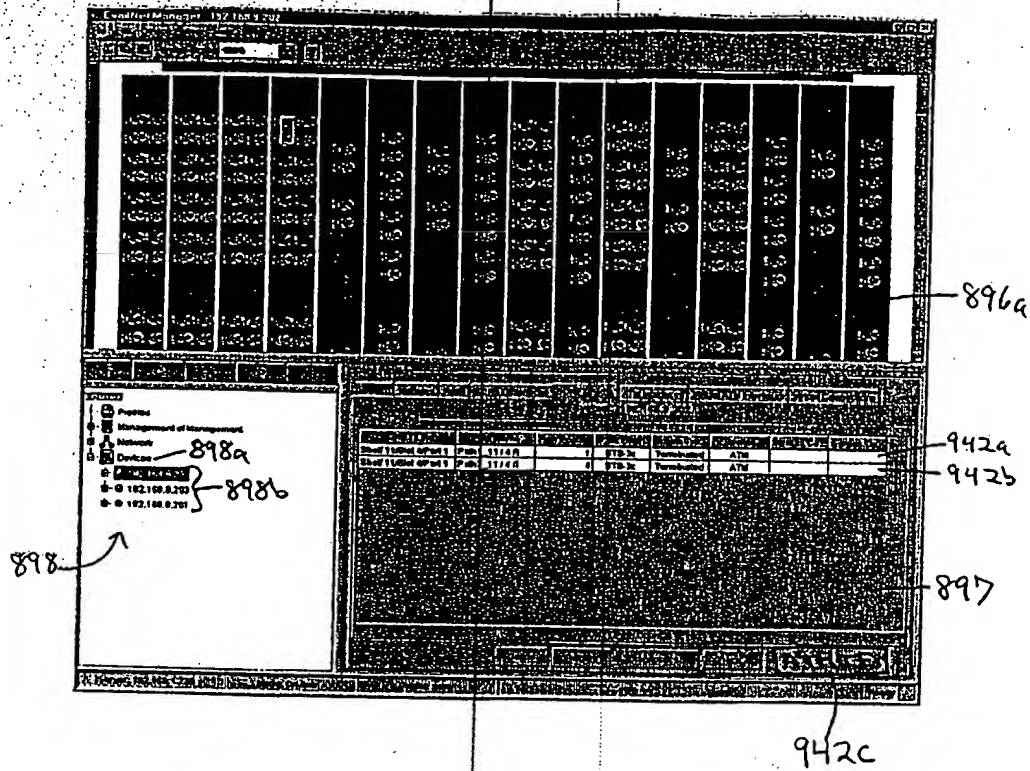
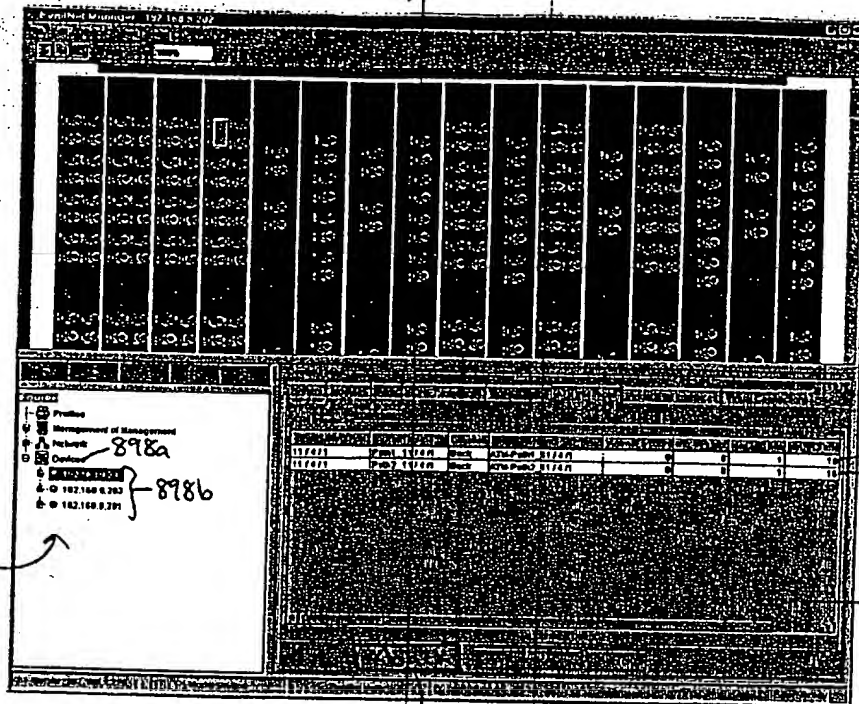


Fig. 5h

895



946h

Fig. 5i

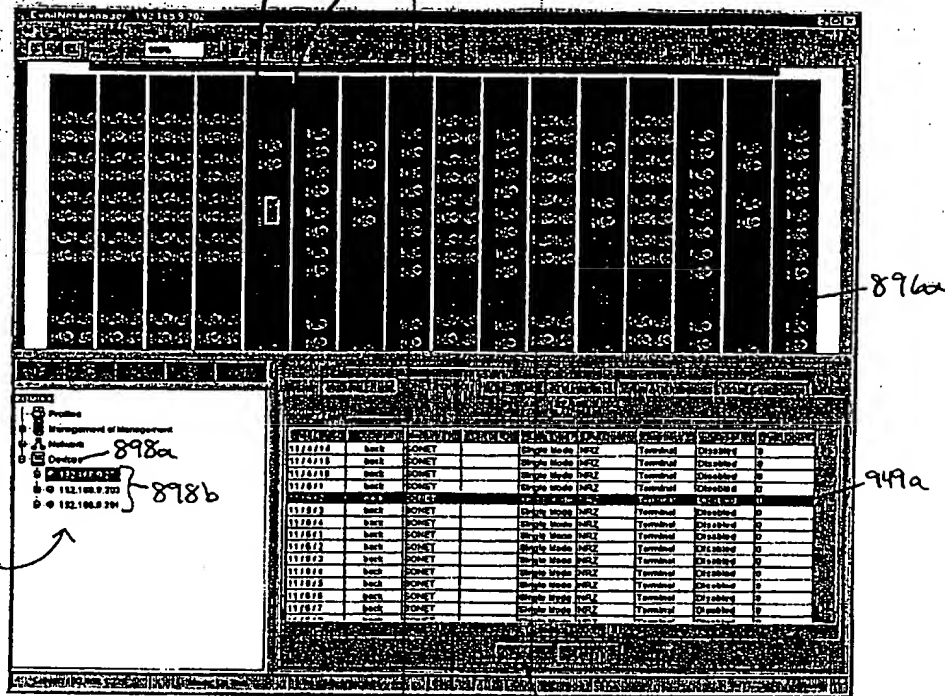
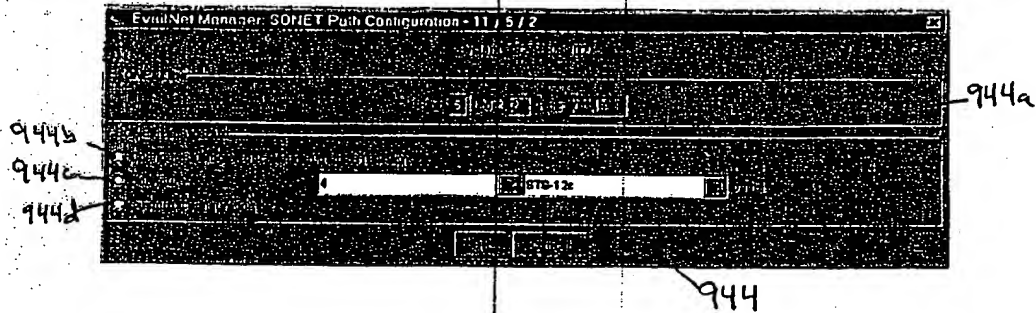


Fig. 5K



944a

944b

944c

944d

944g



944f

944e

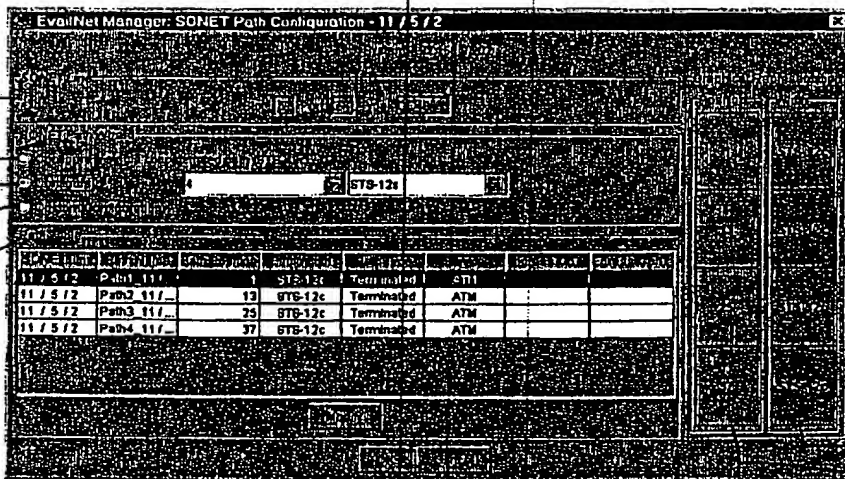
944a

944b

944c

944d

944g



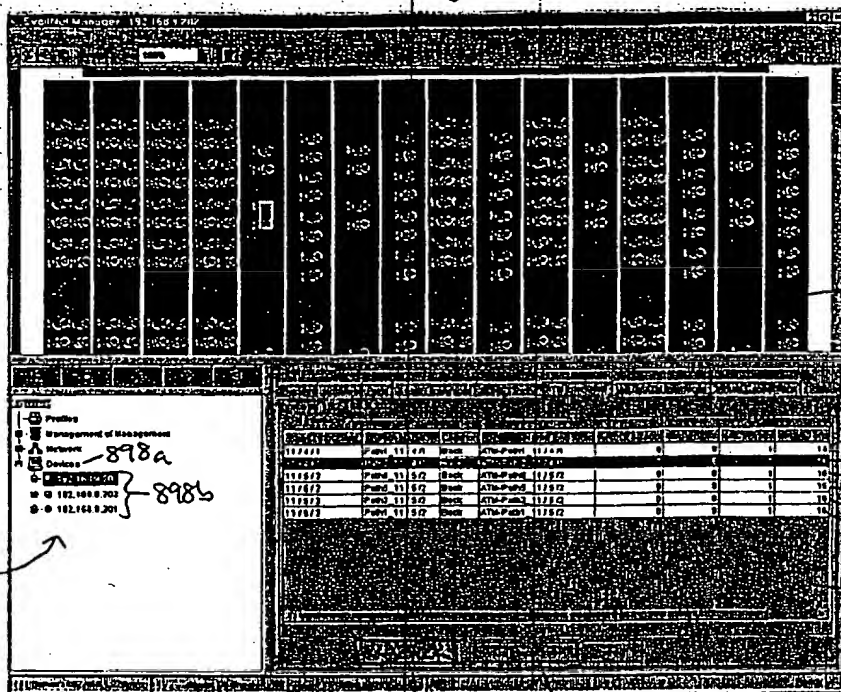
944f

944e

Fig. 5m

944

895



896a

946a

946b

946c

946d

946e

946f

897

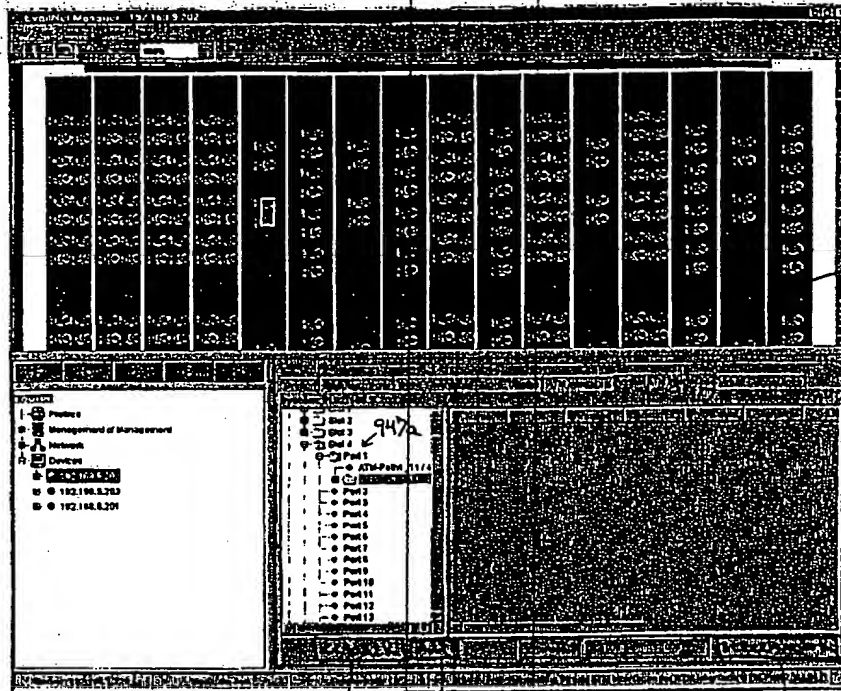
898

946h

946g

Fig. 5

895



896a

947d

947b

959

Fig. 5s

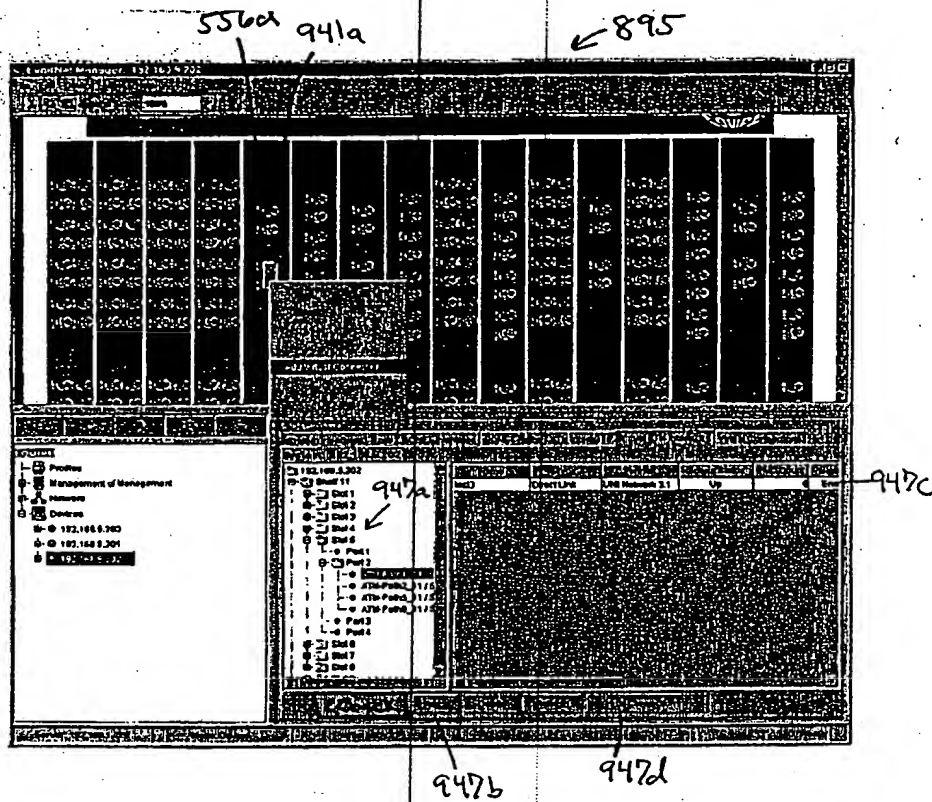


Fig. 5v

PRINT OF DRAWINGS
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952

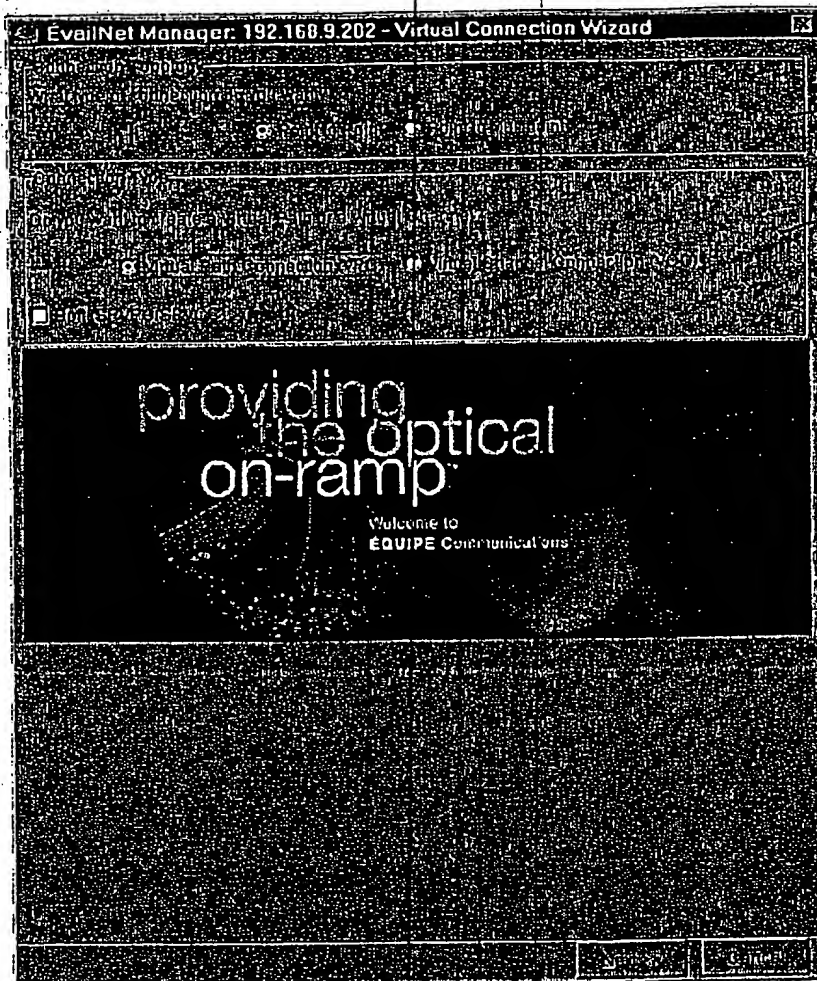


Fig. 5w

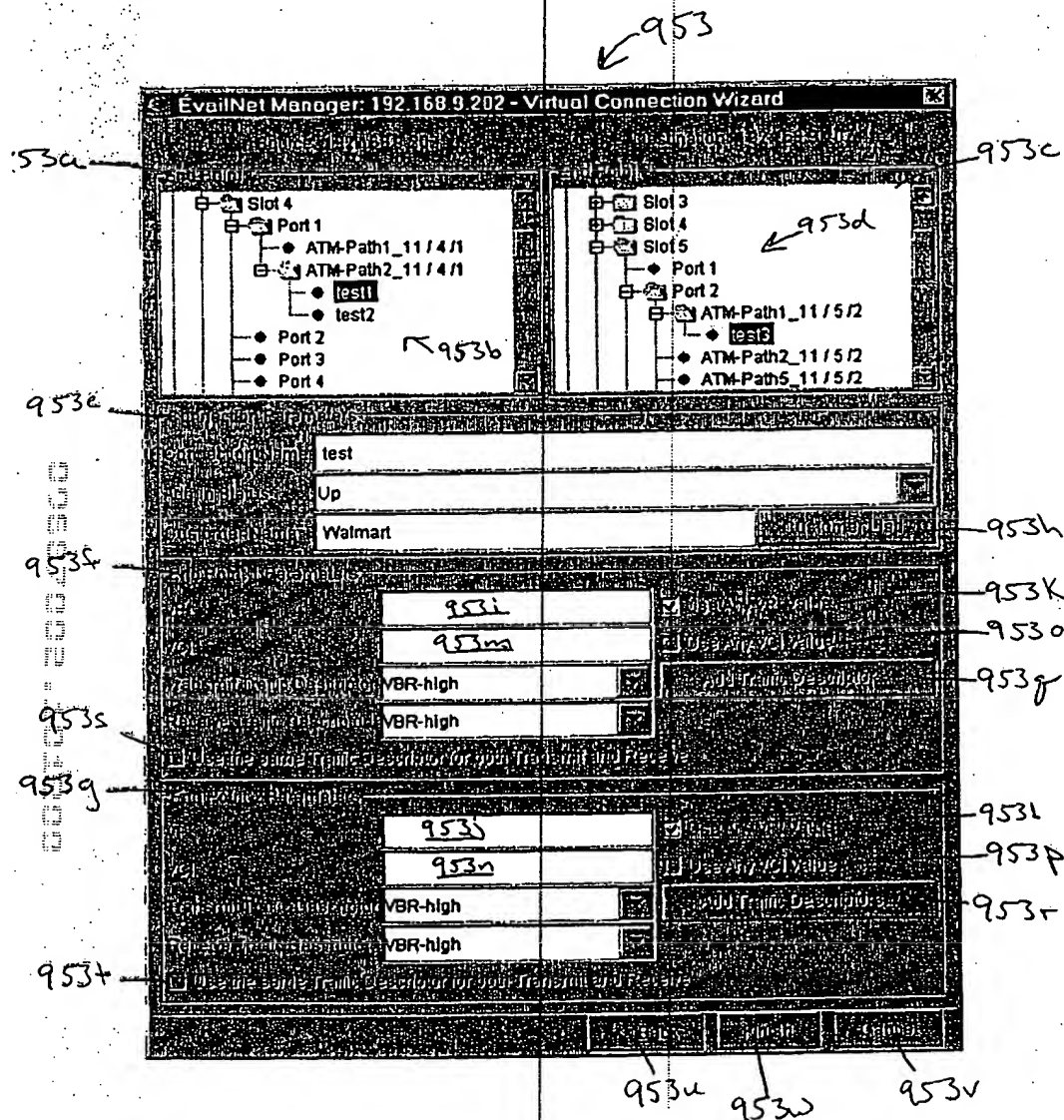


Fig. 5x

956

New Traffic Descriptor

Name:

QoS Class: ▼

Type: ▼

OK Cancel

Fig. 5Y

09507002 201411

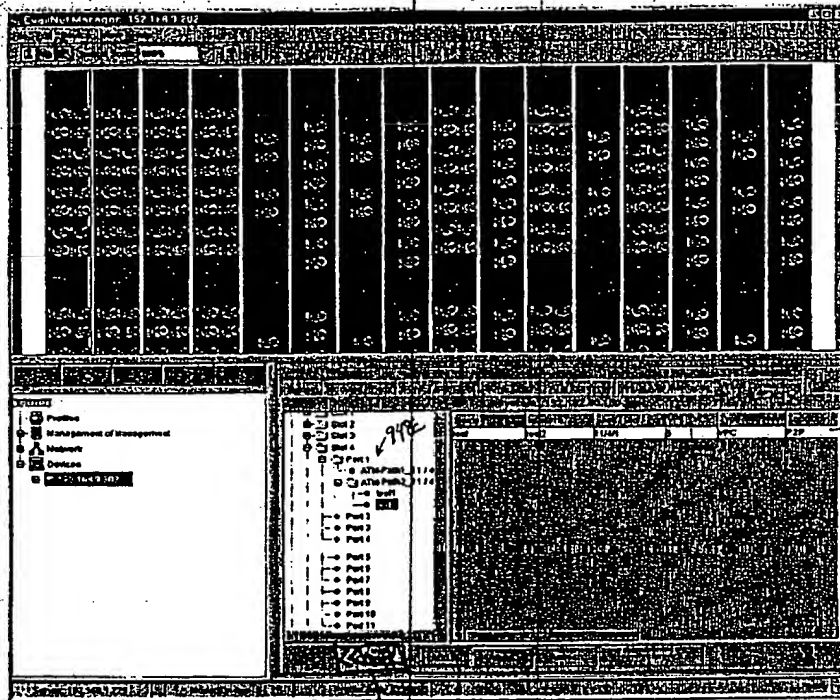
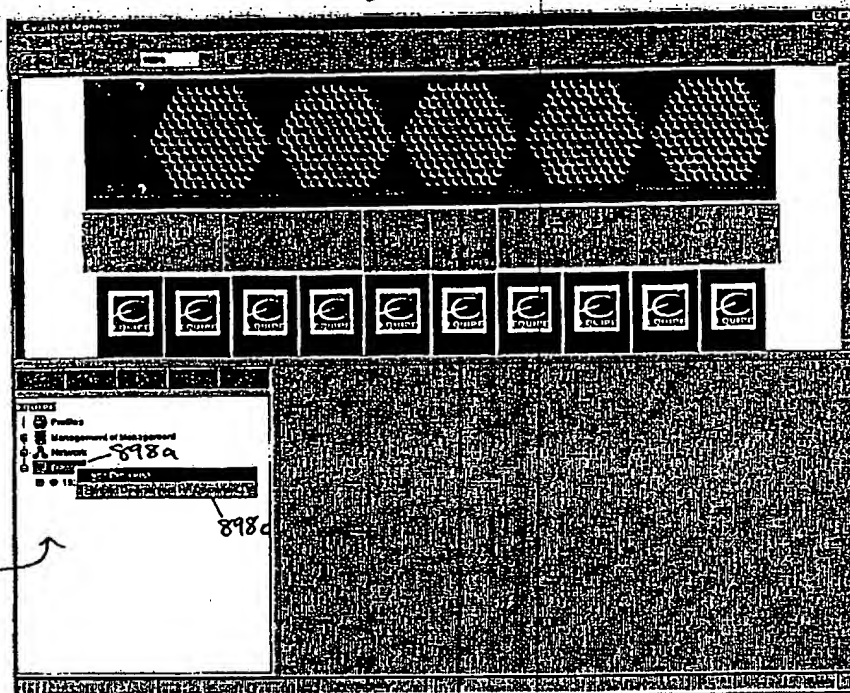


Fig. 52

895



898

Fig. 6a

PRINT OF DRAWINGS
AS ORIGINALLY FILED

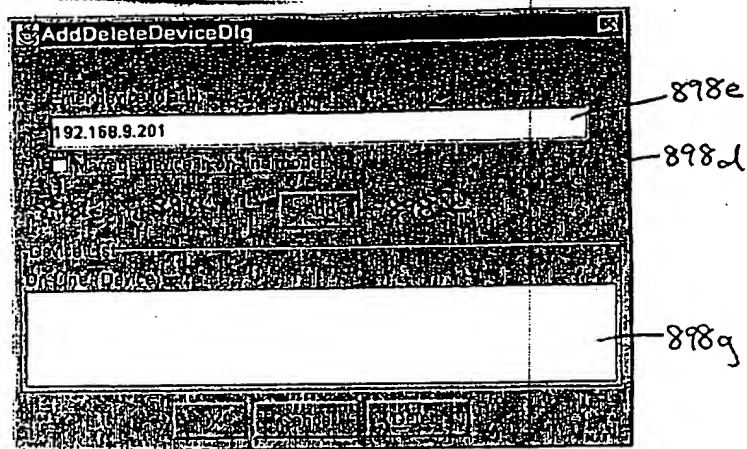
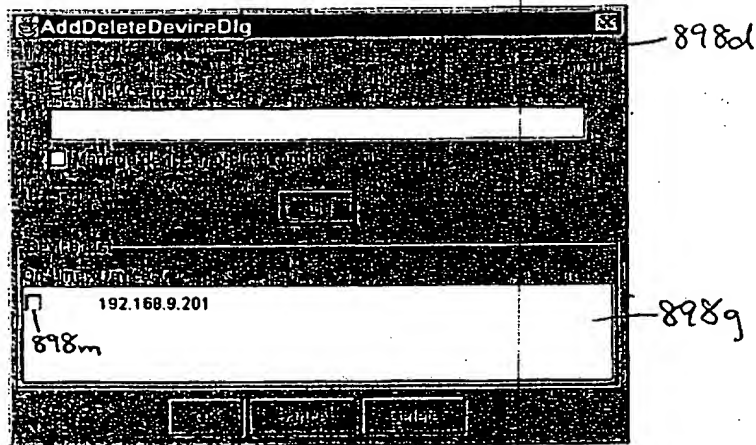


Fig. 6c



895

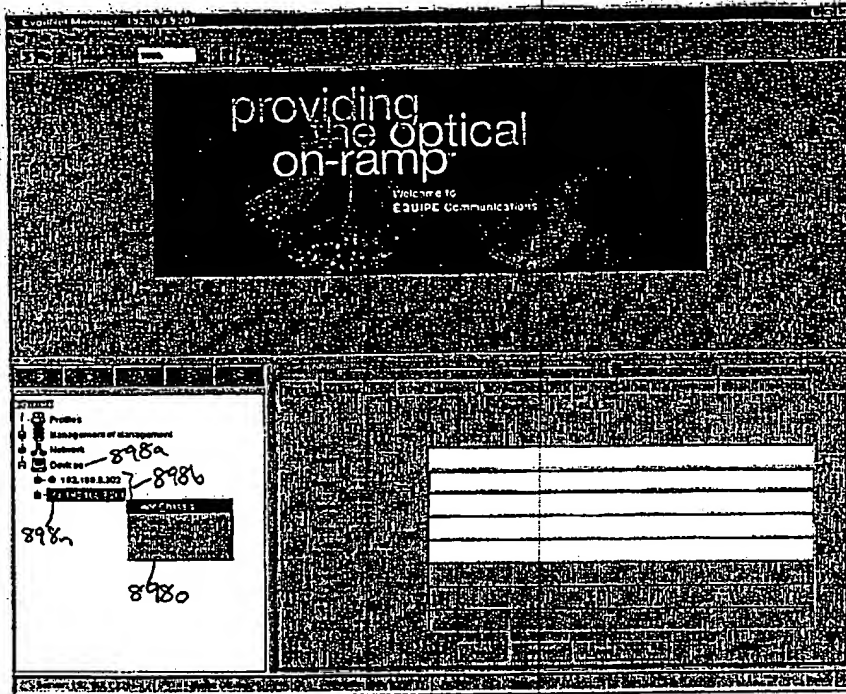


Fig. 6d

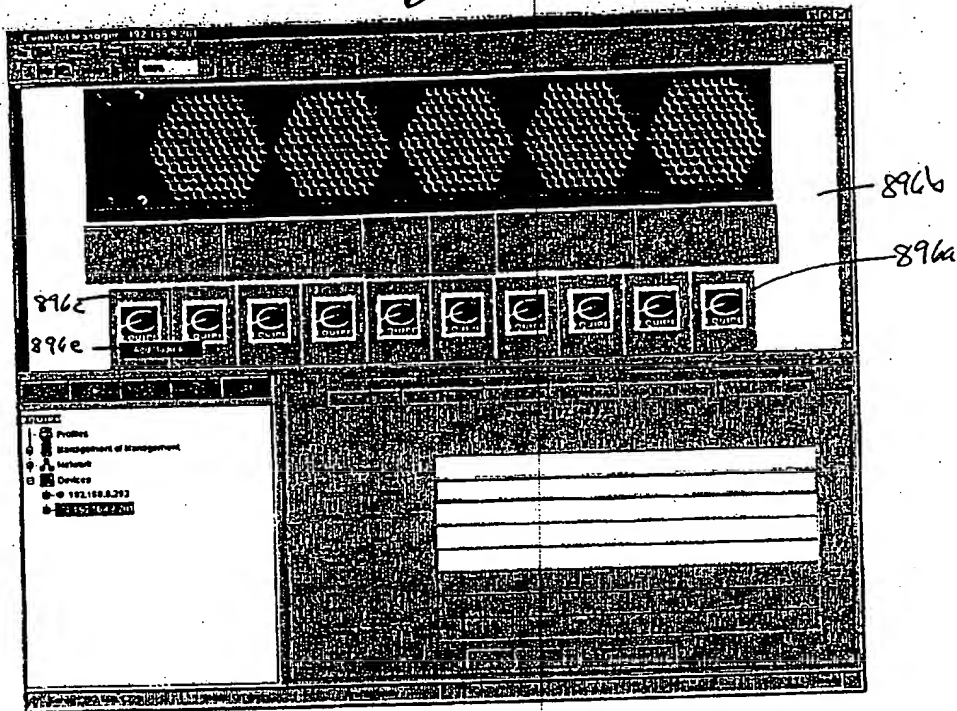
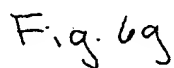


Fig. 6f



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896

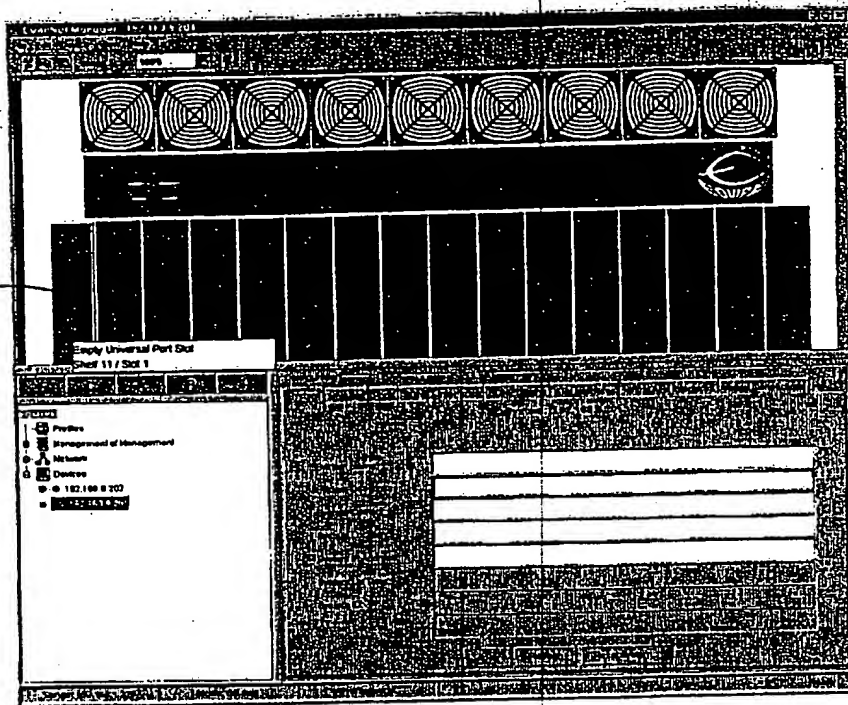


Fig. 6h

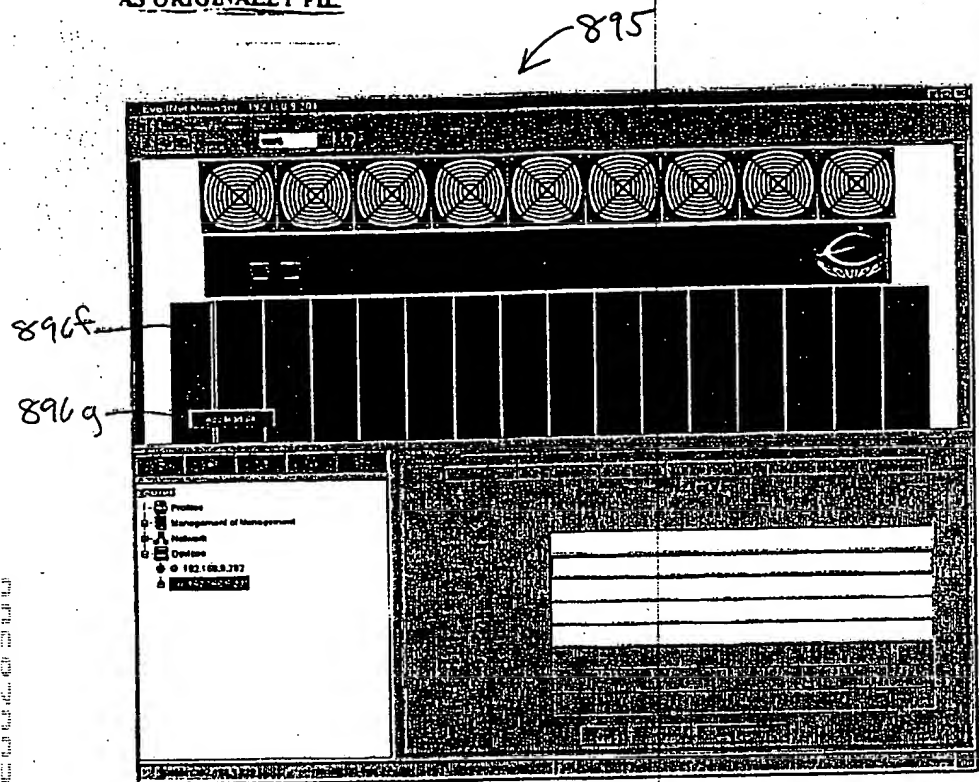
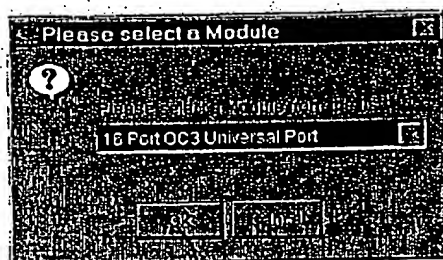


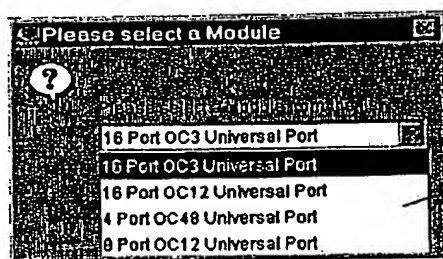
Fig. 6i

Fig. 63



-8964

8963



-8964

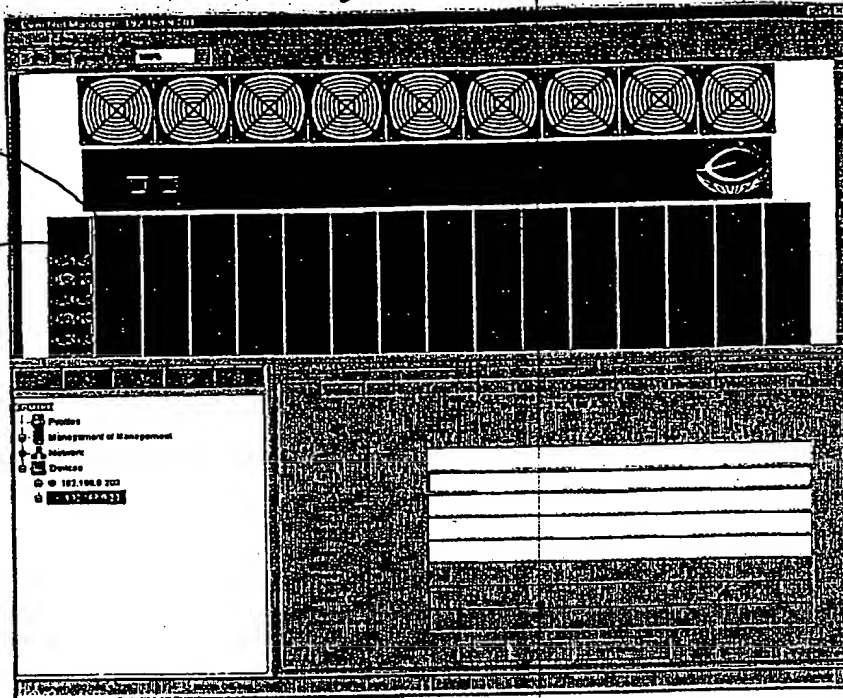
-896:

Fig. 6K

895

556i

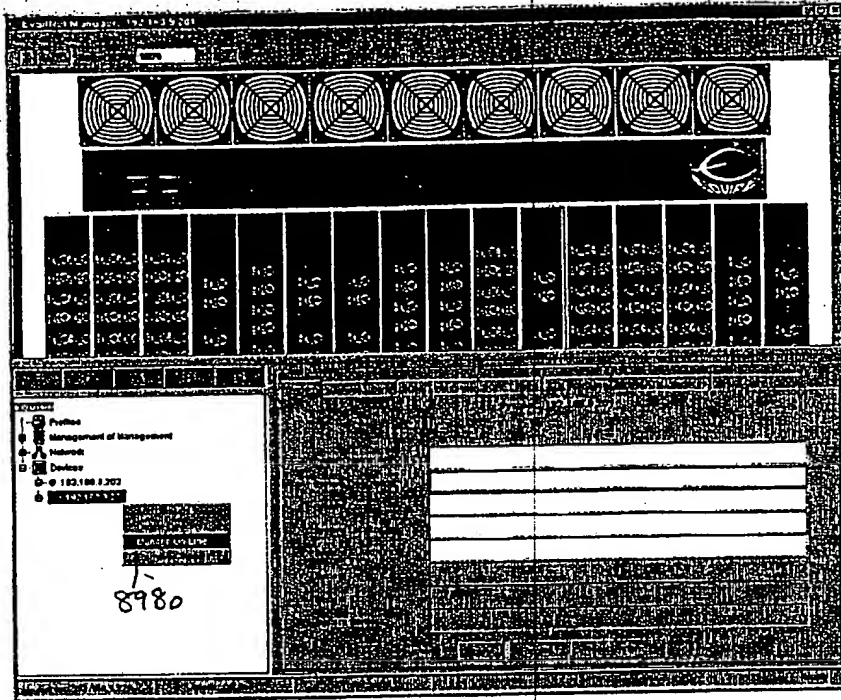
556h



00607003 104200

Fig. 61

895



005075002 1012000

Fig. 6n

Fig. 60

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